Transaction Gateway 9.0
Interface Guide

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Chapter

1

Introduction

This ***Interface Guide***, along with the ***Procedures***, ***Reference***, and ***Operations Guides***, explains the processing options available within Infopoint Transaction Gateway.

Organization of This Guide

This Interface documentation is divided into 8 chapters, an appendix, and an index. The table below briefly describes each chapter.

Chapter	Title	Description
1	Introduction	Describes the guide.
2	Features	Describes features of the Transaction Gateway application.
3	Standard Messages	Describes the standard message formats; provides related matrixes.
4	Standard Responses	Describes the standard response formats.
5	Internal Messages	Describes the internal message formats.
6	Internal Responses	Describes the internal response formats.
7	Interface Programs	Describes the system's online interface capabilities.
8	Batch Feed Interfacing	Explains how to create a batch feed file.
	Appendix	Supplies a table for recording external transaction codes.
	Index	Provides a quick reference for locating information.

How to Use This Guide

This guide is an instructional and reference guide that should be read in the following manner.

1. Briefly browse through each chapter to obtain an overview of its contents and become familiar with the general capabilities and features of this product.
2. Carefully read through each chapter to become knowledgeable in specific information and its location.
3. After becoming familiar with the Transaction Gateway product, refer to this guide as a standard source of instructional and reference information.

Conventions Used in This Guide

Feature	Explanation
Boldface	Identifies the actual numeric and alphanumeric values of the current field. These must be keyed in exactly as shown.
UPPERCASE	1. Identifies field names (such as TLBAL-ACCOUNT). 2. Identifies file and record names (such as TLBNK-RECORD). 3. Identifies program names (such as TLD100).
Italics	Used to emphasize or define a term or concept.
Bold Italics	Used when referring to another Infopoint application or to a guide for another Infopoint application.
~~b~~	Signifies a blank field value associated with a field name.
n	Signifies any numeric field value associated with a field name or card column.

Product Publications

The guides listed below comprise the documentation set for Infopoint Transaction Gateway.

Infopoint Transaction Gateway ***Procedures Guide***

Contains daily processing procedures for Transaction Gateway, online messages generated during processing, descriptions of the online panels (with samples) and reports (with samples). This guide also describes the MICM panels and batch forms specific to Transaction Gateway.

Infopoint Transaction Gateway ***Reference Guide***

Contains technical information about online and batch programs and layouts for files and records used by Transaction Gateway. In addition, this guide provides the application-specific MICM record layouts.

Infopoint Transaction Gateway ***Operations Guide***

Contains technical information about batch operations (jobs). In addition, this guide details procedures for conversion and any other miscellaneous processing procedures.

Infopoint Transaction Gateway ***Interface Guide***

Contains information on the three ways a controller interfaces with Transaction Gateway.

Infopoint Transaction Gateway ***Installation Guide***

Contains step-by-step instructions for installing the product.

Related Publications

The guides listed below provide additional reference material relating to Infopoint Transaction Gateway.

Infopoint MICM ***Procedures Guide***

Contains the panels and batch forms used to maintain MICM and provides form masters. Procedures and reports produced by MICM are also included.

Infopoint MICM ***Reference Guide***

Describes the online programs, batch programs, and files used by MICM.

Infopoint MICM ***Operations Guide***

Contains conversion and migration information.

Infopoint MICM ***Installation Guide***

Contains step-by-step instructions for installing the product.

Infopoint Runtime Components ***Reference Guide***

Contains technical information on API and mapping features used by Infopoint systems running under the API architecture.

Infopoint Runtime Components ***Installation Guide***

Contains step-by-step instructions for installing the product.

Chapter

2

Features

Transaction Gateway Transactions

Infopoint Transaction Gateway processes transactions on a daily basis and updates permanent user files affected by the transactions. Each transaction must have an internal and an external transaction code number. The internal codes are used within Transaction Gateway and cannot be changed. The external codes are selected for an institution with the combined efforts of the controller vendor, the data processing department, and the user community. This guide provides specific information about each Transaction Gateway transaction, its internal and external codes, and its format. It also discusses the online interfacing capabilities of Transaction Gateway.

The interface programs describe the three ways a controller interfaces with Transaction Gateway. Each method relates to the standard format messages and responses. Within these chapters, each message or response format is introduced by a brief narrative, describing the type of information it contains and how it is used. A detailed description of each message format is then given.

This description contains the field name as it is used in a program, the level, the mode in which it is stored, the COBOL picture used to define the field, the displacement codes, and a description of the field with the data it contains. Most of the descriptions do not contain displacement codes because the field lengths vary in size, depending on the message formats.

Information and Field Bytes

Only necessary data is received and sent. Special bytes are used to communicate account information and to communicate the presence of fields. A byte that communicates account information is referred to as an *information byte* or *INFBYTE*. A byte that communicates information concerning the presence of a field is referred to as a *field byte* or a *FLDBYTE*. The terms *INFBYTE* and *FLDBYTE* are included within the field name, as seen in the names TLSR-02INFBYTER01 and TLSR-02FLDBYTER01.

Information and field bytes are composed of 8 bits. Bits '0' and '1' are always zero and are reserved for internal use. The following sample demonstrates how each byte is composed.

Field Name	Level	Mode	Picture	Displacement
TSSM-INFBYTEM01	05	C	X(01)	
Bit 0 – Reserved for internal use. Bit 1 – Reserved for internal use. Bit 2 – First bit to be used. Bit 3 – Second bit to be used. Bit 4 – Third bit to be used. Bit 5 - Fourth bit to be used. Bit 6 – Fifth bit to be used. Bit 7 – Sixth bit to be used.				

In the standard message and response formats, bits '0' and '1' are not displayed. If a field is present or a condition exists, the appropriate bit must be set to '1'. If the field or condition does not exist, the bit must be set to '0'.

Note: The External Transaction Code Table is located in the Appendix of this guide. It is important that you complete these tables with the cooperation of the controller vendor, the data processing department, and the user community. The external codes entered in this table are to be copied to MICM Record 0151.

Chapter

3

Standard Messages

This chapter describes the standard format of the messages transmitted to Transaction Gateway from the terminal controller and identifies the fields that are required for each transaction within a standard message format. For your convenience, coding requirements for each transaction are presented in matrix form.

Copybook TLSSMSG defines the constant area required for each message format. The individual copybooks then redefine the data area in TLSSMSG showing the unique format for each message. Any other message formats must be converted using a user modifiable host interface program such as TLL090. The library name for the area is TLSSMSG. The size of this area varies from 100 to 800 bytes, depending on the format. Only pertinent data is transmitted; no leading zeros, trailing blanks, or empty fields are transmitted.

Date, time, and reference number fields must be changed for new transactions. If the data in these fields is not changed, the transaction is not recorded in the Log Record. An error message, indicating a duplicate record, is displayed. The date, time, reference number, institution, and teller fields are used to build the log key. When you are correcting a transaction, the data in these fields must be entered exactly as in the original transaction and TLSM-INFBYTEMM02 Bit 3 must be turned on.

Important

When performing a correction, if you fail to enter the data exactly as in the original transaction or fail to turn on TLSM-INFBYTEMM02 Bit 3, there will be no record of the transaction.

Record Descriptions

This section contains detailed record layouts. All subsequent occurrences of that record refer to the original description. When two records have the same format but different names, both record names are given, referring to the record that contains the field descriptions. Occasionally, a single record is divided into multiple records, using a redefines clause. When this occurs, each redefinition is preceded by a record description, as if it were an independent record.

The records are listed in alphabetical order. The record descriptions are detailed by field. Each field is described by the following headings:

Field Name Actual COBOL name used in the record.

Level Level number of the field, as assigned in the COBOL record.

Mode Type of field defined. The following codes are used:

- **B** Binary data only. Refers to COMPUTATIONAL halfword (2-byte), fullword (4-byte) and doubleword (8-byte) fields. Fields can be signed or unsigned.
- **C** Character or alphanumeric data.
- **G** Group. Field represents a combination of fields immediately following it.
- **N** Numeric data only.
- **NS** Numeric data with sign.
- **P** Packed numeric data. Refers to unsigned COMPUTATIONAL-3 fields.
- **PS** Packed numeric data with sign. Refers to signed COMPUTATIONAL-3 fields.
- **R** Record. The first field in the record usually represents the entire record.

Picture COBOL format of the field indicating the field's content, length, whether it is signed or unsigned, and decimal position.

Displacement Starting and ending position of the field. The first position used is '1'. If the field is defined with an OCCURS clause, the displacement is represented in one of two ways. When the field has a mode of 'G', the displacement represents the total length of the field multiplied by the number of occurrences. For all other modes, the displacement represents the length of the first occurrence of the field. When a field has a variable length, a 'V' is placed in the second, or ending, position of the displacement.

TLSMSG-RECORD – Standard Message Record

The following record description shows the format of the Standard Message Record. The individual message data formats follow this description. The library name for the area is TLSSMSG.

Field Name	Level	Mode	Picture	Displacement	
TLSMSG-RECORD Standard Message Record.	01	R		1	1073
TLSM-CONSTANT Standard message header for all formats.	03	G		1	127
TLSM-CICSTC CICS Transaction Code. Code for the transaction processor program.	05	C	X(04)	1	4
TLSM-MSGSOURCE Message Source Code. Valid entries are: **ATM** From automated teller machine. **BFE** From batch feed program. **SIM** From teller simulator. **TEL** From a teller terminal. **WIR** Wire transfer.	05	C	X(04)	5	8
TLSM-TRANSLATECDE Translation Table Code. Valid entries are: ~~**b**~~ Translation table is not required. **0** Translation table is not required. **1** Byte Conversion Table 1.	05	C	X(01)	9	9
TLSM-MSGCODE Message Code. Indicates the type of message sent. Valid entries are: **E** Standard message format. **I** Internal message format.	05	C	X(01)	10	10
TLSM-INST Institution Number. Indicates where transaction was initiated.	05	N	9(04)	11	14
TLSM-TLRNBR Teller ID. Identifying number of teller or ATM who initiated transaction.	05	C	X(08)	15	22
TLSM-REFNBR Transaction Reference Number. This number is normally assigned by the controller program.	05	N	9(05)	23	27
TLSM-BRNBR Branch Number. Branch number where transaction was initiated.	05	N	9(05)	28	32

Note: If the controller program assigns the number zero, Transaction Gateway assigns a transaction reference number and causes additional read-with-update and rewrite on the Teller Record.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATE	05	N	9(08)	33	40

Transaction Date. Actual date the transaction takes place. Format is MMDDYYYY.

TLSM-TIME	05	N	9(06)	41	46

Transaction Time. Actual time the transaction takes place. Format is HHMMSS.

TLSM-EXTC	05	N	9(04)	47	50

External Transaction Code. This code must be defined in MICM Record 0151.

TLSM-TRANAMT	05	N	9(15)V99	51	67

Transaction Amount. Net amount of the transaction.

TLSM-TRANSER	05	N	9(11)	68	78

Transaction Serial Number. Serial number associated with the transaction amount.

TLSM-LASTKEY	05	C	X(35)	79	113

Last Key. Key for the last record processed by the Transaction Processor program.

Note: If the last response from the host system had TLSR-INFBYTER02 Bit 2 turned on, insert the value from TLSR-LASTKEY in this field. If TLSR-INFBYTER02 Bit 2 is turned off, insert spaces.

TLSM-FORMAT	05	C	X(02)	114	115

Format. Code of the message. Valid entries are:

- **01** Signon/signoff, buy and sell cash.
- **02** Customer/monetary transactions.
- **03** Maintenance transactions.
- **04** Message transactions.
- **05** Cash inquiry transactions.
- **06** Balancing transactions.
- **07** AM Log Record lookup transactions.
- **11** Settlement inquiry transactions.

TLSM-TLRCSHDWR	05	C	X(08)	116	123

Cash Drawer ID. Cash drawer ID for the teller sending this message.

TLSM-INFBYTEM01	05	C	X(01)	124	124

Miscellaneous Information Byte 1. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – PM transaction.
- Bit 3 – Offline transaction. (Host system was down.)
- Bit 4 – Teller force.
- Bit 5 – Supervisor override.
- Bit 6 – Passbook present.
- Bit 7 – No Balance Record.

Field Name	Level	Mode	Picture	Displacement	
TLSM-INFBYTEM02	05	C	X(01)	125	125

Miscellaneous Information Byte 2. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Bypass teller edit.
- Bit 3 – Correction.
- Bit 4 – Automatic teller machine flag.
- Bit 5 – Simulator.
- Bit 6 – Proprietary ATM.
- Bit 7 – Regulation CC notice indicator.

Note: This bit must be set if the float field and type fields were entered as TLSM-02134 ITEMTYPE, TLSM-02134 CFLOAT and TLSM-02134BFLOAT.

TLSM-INFBYTEM03	05	C	X(01)	126	126

Miscellaneous Information Byte 3. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Float override.
- Bit 3 – Forwarding transaction for refresh.
- Bit 4 – Transaction occurred during refresh processing.
- Bit 5 – Transaction occurred during forwarding.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

Note: Bits 3, 4, and 5 are set internally. The terminal vendor or interface vendor must set these bits to '0'. Setting these bits to '1' causes erroneous processing of the transaction.

TLSM-USERBYTEM01	05	C	X(01)	127	127

User Information Byte 1. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – User bit 1.
- Bit 3 – User bit 2.
- Bit 4 – User bit 3.
- Bit 5 – User bit 4.
- Bit 6 – User bit 5.
- Bit 7 – User bit 6.

TLSM-DATA	03	C	X(0946)	128	1073

Data area that is redefined for each format.

TLSM-BYTE	03	C	X(01)	128	1073

REDEFINES TLSM-DATA. OCCURS 946 TIMES. Data Area. Variable data area. Single position occurrence allows TLL200 to address each position.

TLSM-DATA01 – Standard Message Data Format 01

Standard Message Data Format 01 is used for signing on and off to Transaction Gateway. It is also used for buy, sell, and cash transactions. The library name for this area is TLSSM01.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA01 Data Area. Data area for Record 01.	01	R		1	46
TLSM-01BYTES Byte Area.	05	G		1	1
TLSM-01FLDBYTEM01 Field Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Cash drawer. Bit 3 – Teller password. Bit 4 – Supervisor ID. Bit 5 – Supervisor password. Bit 6 – Teller ID 2. Bit 7 – Reserved for future use.	07	C	X(01)	1	1
TLSM-01CSHDWR Cash Drawer ID.	05	C	X(08)	2	9
FILLER Delimiter character, always X'05'.	05	C	X(01)	10	10
TLSM-01TLRPASS Teller Password.	05	C	X(08)	11	18
FILLER Delimiter character, always X'05'.	05	C	X(01)	19	19
TLSM-01SUPVNBR Supervisor ID.	05	C	X(08)	20	27
FILLER Delimiter character, always X'05'.	05	C	X(01)	28	28
TLSM-01NEWPASS Supervisor Password.	05	C	X(08)	29	36
FILLER Delimiter character, always X'05'.	05	C	X(01)	37	37

Field Name	Level	Mode	Picture	Displacement	
TLSM-01TLRNBR2	05	C	X(08)	38	45
Teller ID 2. The teller buy cash was from or sell cash was to.					
FILLER	05	C	X(01)	46	46
Delimiter character, always X'05'.					

TLSM-DATA02 – Standard Message Data Format 02

Standard Message Data Format 02 is used for customer transactions such as withdrawals, deposits, transfers, inquires, and is often referred to as the customer monetary format. The library name for this area is TLSSM02.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA02	01	R		1	946
Standard Message Data Format 02 Record.					
TLSM-02BYTES	05	G		1	15
Byte Area.					
TLSM-02FLDBYTEM01	07	C	X(01)	1	1
Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Account institution number. Bit 3 – Account external application code. Bit 4 – Account number. Bit 5 – Alternate account institution number. Bit 6 – Alternate account external application code. Bit 7 – Alternate account number.					
TLSM-02FLDBYTEM02	07	C	X(01)	2	2
Fields Present Byte 2. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – PIN. Bit 3 – Cash amount. Bit 4 – Cashback amount. Bit 5 – Check amount. Bit 6 – Check serial number. Bit 7 – Hold amount.					
TLSM-02FLDBYTEM03	07	C	X(01)	3	3
Fields Present Byte 3. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Hold days. Bit 3 – Fee amount. Bit 4 – Effective date. Bit 5 – Passbook balance. Bit 6 – Supervisor ID. Bit 7 – Supervisor password.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-02FLDBYTEM04	07	C	X(01)	4	4

Fields Present Byte 4. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Cost center number.
- Bit 3 – Description 1.
- Bit 4 – Description 2.
- Bit 5 – Account number social security number.
- Bit 6 – Transaction transit routing number.
- Bit 7 – Transaction sequence number.

TLSM-02FLDBYTEM05	07	C	X(01)	5	5

Fields Present Byte 5. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Source of input.
- Bit 3 – Loan principal amount.
- Bit 4 – Loan interest amount.
- Bit 5 – Loan escrow amount.
- Bit 6 – C/L commitment number.
- Bit 7 – C/L note number.

TLSM-02FLDBYTEM06	07	C	X(01)	6	6

Fields Present Byte 6. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – I/L class field number.
- Bit 3 – I/L pay-by code.
- Bit 4 – I/L pay-off code.
- Bit 5 – Float 1 routing/transit number.
- Bit 6 – Float 1 float amount.
- Bit 7 – Float 1 134 Sort C(ustomer) float days.

TLSM-02FLDBYTEM07	07	C	X(01)	7	7

Fields Present Byte 7. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Float 1 134 Sort B(ank) float days.
- Bit 3 – Float 1 134 item type.
- Bit 4 – Float 1 item count.
- Bit 5 – Float 2 routing/transit number.
- Bit 6 – Float 2 float amount.
- Bit 7 – Float 2 134 Sort C(ustomer) float days.

TLSM-02FLDBYTEM08	07	C	X(01)	8	8

Fields Present Byte 8. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Float 2 134 Sort B(ank) float days.
- Bit 3 – Float 2 134 item type.
- Bit 4 – Float 2 item count.
- Bit 5 – Float 3 routing/transit number.
- Bit 6 – Float 3 float amount.
- Bit 7 – Float 3 134 Sort C(ustomer) float days.

TLSM-02FLDBYTEM09	07	C	X(01)	9	9

Fields Present Byte 9. Each bit of this byte represents a field in the variable data area. Valid entries are:

Field Name	Level	Mode	Picture	Displacement	
Bit 2 – Float 3 134 Sort B(ank) float days. Bit 3 – Float 3 134 Item type. Bit 4 – Float 3 item count. Bit 5 – Float 4 routing/transit number. Bit 6 – Float 4 float amount. Bit 7 – Float 4 134 Sort C(ustomer) float days.					
TLSM-02FLDBYTEM10	07	C	X(01)	10	10
Fields Present Byte 10. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Float 4 134 Sort B(ank) float days. Bit 3 – Float 4 item type. Bit 4 – Float 4 item count. Bit 5 – Float 5 routing/transit number. Bit 6 – Float 5 float amount. Bit 7 – Float 5 134 Sort C(ustomer) float days.					
TLSM-02FLDBYTEM11	07	C	X(01)	11	11
Fields Present Byte 11. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Float 5 134 Sort B(ank) float days. Bit 3 – Float 5 134 item type. Bit 4 – Float 5 item count. Bit 5 – User area 1. Bit 6 – User area 2. Bit 7 – Bond owner.					
TLSM-02FLDBYTEM12	07	C	X(01)	12	12
Fields Present Byte 12. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Bond name index. Bit 3 – Bond address line 1. Bit 4 – Bond address line 2. Bit 5 – Bond city. Bit 6 – Bond state. Bit 7 – Bond ZIP code.					
TLSM-02FLDBYTEM13	07	C	X(01)	13	13
Fields Present Byte 13. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Bond co-owner. Bit 3 – Bond deliver code. Bit 4 – Bond connective type. Bit 5 – Bond number of $50 denomination. Bit 6 – Bond number of $75 denomination. Bit 7 – Bond number of $100 denomination.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-02FLDBYTEM14	07	C	X(01)	14	14

Fields Present Byte 14. Each bit of this byte represents a field in the variable data area. Valid entries are:

Bit 2 – Bond number of $200 denomination.
Bit 3 – Bond number of $500 denomination.
Bit 4 – Bond number of $1000 denomination.
Bit 5 – Bond number of $5000 denomination.
Bit 6 – Bond number of $10,000 denomination.
Bit 7 – Reserved for future use.

TLSM-02FLDBYTEM15	07	C	X(01)	15	15
TLSM-02ACCTBK	05	N	9(04)	16	19

Institution Number. Institution number of the account (future).

FILLER	05	C	X(01)	20	20

Delimiter character, always X'05'.

TLSM-02EXTAPPL	05	N	9(02)	21	22

External Application Number. This number must be defined on MICM Form 0211.

FILLER	05	C	X(01)	23	23

Delimiter character, always X'05'.

TLSM-02ACCT	05	N	9(18)	24	41

Account Number.

FILLER	05	C	X(01)	42	42

Delimiter character, always X'05'.

TLSM-02ALTACCTBK	05	N	9(04)	43	46

Alternate Institution Number. Number of the alternate institution (future).

FILLER	05	C	X(01)	47	47

Delimiter character, always X'05'.

TLSM-02ALTEXTAPPL	05	N	9(02)	48	49

Alternate External Application Number. This number must be defined on MICM Form 0211.

FILLER	05	C	X(01)	50	50

Delimiter character, always X'05'.

TLSM-02ALTACCT	05	N	9(18)	51	68

Alternate Account Number.

FILLER	05	C	X(01)	69	69

Field Name	Level	Mode	Picture	Displacement	
Delimiter character, always X'05'.					
TLSM-02PIN Personal Identification Number.	05	N	9(09)	70	78
FILLER Delimiter character, always X'05'.	05	C	X(01)	79	79
TLSM-02CASHAMT Cash Amount.	05	N	9(15)V99	80	96
FILLER Delimiter character, always X'05'.	05	C	X(01)	97	97
TLSM-02CASHBK Cashback Amount.	05	N	9(15)V99	98	114
FILLER Delimiter character, always X'05'.	05	C	X(01)	115	115
TLSM-02CHECKAMT Check Amount.	05	N	9(15)V99	116	132
FILLER Delimiter character, always X'05'.	05	C	X(01)	133	133
TLSM-02CHKSERIAL Check Serial Number.	05	N	9(11)	134	144
FILLER Delimiter character, always X'05'.	05	C	X(01)	145	145

Note: Do not use fields TLSM-02HOLDAMT and TLSM-02HOLDDAYS to create float time; doing so creates maintenance hold records at extract time.

TLSM-02HOLDAMT Hold Amount.	05	N	9(15)V99	146	162
FILLER Delimiter character, always X'05'.	05	C	X(01)	163	163
TLSM-02HOLDDAYS Hold Days. This field defaults to zero days if hold amount is present. If you enter **0**, the item is held until posting time at the end of the business day. If you enter **1**, the item is held until posting time at the end of the following business day.	05	N	9(03)	164	166

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	167	167
TLSM-02FEEAMT Fee Amount.	05	N	9(15)V99	168	184
FILLER Delimiter character, always X'05'.	05	C	X(01)	185	185
TLSM-02EFFDT Effective Date. Format is MMDDYYYY. If this date field is zero or not set, the processing date is taken from the BCR at extract time.	05	N	9(08)	186	193
FILLER Delimiter character, always X'05'.	05	C	X(01)	194	194
TLSM-02MBOOKBAL Passbook Balance.	05	N	S9(15)V99	195	211
FILLER Delimiter character, always X'05'.	05	C	X(01)	212	212
TLSM-02SUPVNBR Supervisor ID.	05	C	X(08)	213	220
FILLER Delimiter character, always X'05'.	05	C	X(01)	221	221
TLSM-02NEWPASS Supervisor Password.	05	C	X(08)	222	229
FILLER Delimiter character, always X'05'.	05	C	X(01)	230	230
TLSM-02COSTCTR Cost Center.	05	N	9(15)	231	245
FILLER Delimiter character, always X'05'.	05	C	X(01)	246	246
TLSM-02DESC1 Description Line 1.	05	C	X(40)	247	286
FILLER Delimiter character, always X'05'.	05	C	X(01)	287	287

Field Name	Level	Mode	Picture	Displacement	
TLSM-02DESC2 Description Line 2.	05	C	X(40)	288	327
FILLER Delimiter character, always X'05'.	05	C	X(01)	328	328
TLSM-02SOCSEC Social Security. Account social security number.	05	N	9(09)	329	337
FILLER Delimiter character, always X'05'.	05	C	X(01)	338	338
TLSM-02RTRNBR Routing and Transit Number.	05	N	9(08)	339	346
FILLER Delimiter character, always X'05'.	05	C	X(01)	347	347
TLSM-02TRANSEQ Transaction Sequence Number.	05	N	9(05)	348	352
FILLER Delimiter character, always X'05'.	05	C	X(01)	353	353
TLSM-02SRINPUT Source of Input.	05	N	9(04)	354	357
FILLER Delimiter character, always X'05'.	05	C	X(01)	358	358
TLSM-02LPRINAMT Loan Principal Amount. Principal amount in a loan transaction.	05	N	9(15)V99	359	375
FILLER Delimiter character, always X'05'.	05	C	X(01)	376	376
TLSM-02LINTAMT Loan Interest Amount. Interest amount in a loan transaction.	05	N	9(15)V99	377	393
FILLER Delimiter character, always X'05'.	05	C	X(01)	394	394
TLSM-02LESCROWAMT Loan Escrow Amount. Escrow amount in a loan transaction.	05	N	9(15)V99	395	411

Field Name	Level	Mode	Picture	Displacement	
FILLER	05	C	X(01)	412	412
Delimiter character, always X'05'.					
TLSM-02MCOMMITNBR	05	N	9(18)	413	430
Commitment Number. Commitment number for a commercial loan account.					
FILLER	05	C	X(01)	431	431
Delimiter character, always X'05'.					
TLSM-02MNOTENBR	05	N	9(18)	432	449
Note Number. Note number for a commercial loan account.					
FILLER	05	C	X(01)	450	450
Delimiter character, always X'05'.					
TLSM-02MCLASSFIELD	05	N	9(03)	451	453
Class Field. Indicator for the Infopoint Integrated Installment Loans application.					
FILLER	05	C	X(01)	454	454
Delimiter character, always X'05'.					
TLSM-02MPAYBYCDE	05	N	9(02)	455	456
Pay-by Code. Code for the Infopoint Integrated Installment Loans application.					
FILLER	05	C	X(01)	457	457
Delimiter character, always X'05'.					
TLSM-02MPAYOFFCDE	05	C	X(01)	458	458
Payoff Code. Code for the Infopoint Integrated Installment Loans application. Valid entries are: **b** Normal payment. **X** Payoff payment.					
FILLER	05	C	X(01)	459	459
Delimiter character, always X'05'.					
TLSM-02FLTRTNBR1	05	N	9(08)	460	467
Transit Routing Number 1. Routing and transit number of the first check entered.					
FILLER	05	C	X(01)	468	468
Delimiter character, always X'05'.					
TLSM-02FLOATAMT1	05	N	9(15)V99	469	485
Float Amount 1. Total dollar amount for float on the first check entered.					
FILLER	05	C	X(01)	486	486
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-02134SORTCFLT1	05	N	9(02)	487	488
Sort Customer Float 1. Number of customer float days for the first check entered.					
FILLER	05	C	X(01)	489	489
Delimiter character, always X'05'.					
TLSM-02134SORTBFLT1	05	N	9(02)	490	491
Sort Bank Float 1. Number of bank float days for the first check entered.					
FILLER	05	C	X(01)	492	492
Delimiter character, always X'05'.					
TLSM-02134ITEMTYPE1	05	N	9(02)	493	494
Float Item Type Code. Valid entries are: **10** Limited liability item. **20** Local item. **30** Non-local item. **40** Noncontiguous item. **50** On-us item.					
FILLER	05	C	X(01)	495	495
Delimiter character, always X'05'.					
TLSM-02ITMCNT1	05	N	9(07)	496	502
Item Count 1. Number of items deposited with the first check entered.					
FILLER	05	C	X(01)	503	503
Delimiter character, always X'05'.					
TLSM-02FLTRTNBR2	05	N	9(08)	504	511
Float Transit Routing Number 2. Routing and transit number of the second check entered.					
FILLER	05	C	X(01)	512	512
Delimiter character, always X'05'.					
TLSM-02FLOATAMT2	05	N	9(15)V99	513	529
Float Amount 2. Total dollar amount for float on the second check entered.					
FILLER	05	C	X(01)	530	530
Delimiter character, always X'05'.					
TLSM-02134SORTCFLT2	05	N	9(02)	531	532
Sort Customer Float 2. Number of customer float days for the second check entered.					
FILLER	05	C	X(01)	533	533
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-02134SORTBFLT2	05	N	9(02)	534	535
Sort Bank Float 2. Number of bank float days for the second check entered.					
FILLER	05	C	X(01)	536	536
Delimiter character, always X'05'.					
TLSM-02134ITEMTYPE2	05	N	9(02)	537	538
Item Type 2. See TLSM-02134ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	539	539
Delimiter character, always X'05'.					
TLSM-02ITMCNT2	05	N	9(07)	540	546
Item Count 2. Number of items deposited with the second check entered.					
FILLER	05	C	X(01)	547	547
Delimiter character, always X'05'.					
TLSM-02FLTRTNBR3	05	N	9(08)	548	555
Float Transit Routing Number 3. Routing and transit number of the third check entered.					
FILLER	05	C	X(01)	556	556
Delimiter character, always X'05'.					
TLSM-02FLOATAMT3	05	N	9(15)V99	557	573
Float Amount 3. Total dollar amount of float for the third check entered.					
FILLER	05	C	X(01)	574	574
Delimiter character, always X'05'.					
TLSM-02134SORTCFLT3	05	N	9(02)	575	576
Sort Customer Float 3. Number of customer float days for the third check entered.					
FILLER	05	C	X(01)	577	577
Delimiter character, always X'05'.					
TLSM-02134SORTBFLT3	05	N	9(02)	578	579
Sort Bank Float 3. Number of bank float days for the third check entered.					
FILLER	05	C	X(01)	580	580
Delimiter character, always X'05'.					
TLSM-02134ITEMTYPE3	05	N	9(02)	581	582
Float Item Type 3. See TLSM-02134ITEMTYPE1 for valid types.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	583	583
TLSM-02ITMCNT3 Item Count 3. Number of items deposited with the third check entered.	05	N	9(07)	584	590
FILLER Delimiter character, always X'05'.	05	C	X(01)	591	591
TLSM-02FLTRTNBR4 Float Transit Routing Number 4. Routing and transit number of the fourth check entered.	05	N	9(08)	592	599
FILLER Delimiter character, always X'05'.	05	C	X(01)	600	600
TLSM-02FLOATAMT4 Float Amount 4. Total dollar amount of float for the fourth check entered.	05	N	9(15)V99	601	617
FILLER Delimiter character, always X'05'.	05	C	X(01)	618	618
TLSM-02134SORTCFLT4 Sort Customer Float 4. Number of customer float days for the fourth check entered.	05	N	9(02)	619	620
FILLER Delimiter character, always X'05'.	05	C	X(01)	621	621
TLSM-02134SORTBFLT4 Sort Bank Float 4. Number of bank float days for the fourth check entered.	05	N	9(02)	622	623
FILLER Delimiter character, always X'05'.	05	C	X(01)	624	624
TLSM-02134ITEMTYPE4 Float Item Type 4. See TLSM-02134ITEMTYPE1 for valid types.	05	N	9(02)	625	626
FILLER Delimiter character, always X'05'.	05	C	X(01)	627	627
TLSM-02ITMCNT4 Item Count 4. Number of items deposited with the fourth check entered.	05	N	9(07)	628	634
FILLER Delimiter character, always X'05'.	05	C	X(01)	635	635

Field Name	Level	Mode	Picture	Displacement	
TLSM-02FLTRTNBR5	05	N	9(08)	636	643
Float Transit Routing Number 5. Routing and transit number of the fifth check entered.					
FILLER	05	C	X(01)	644	644
Delimiter character, always X'05'.					
TLSM-02FLOATAMT5	05	N	9(15)V99	645	661
Float Amount 5. Total dollar amount of float for the fifth check entered.					
FILLER	05	C	X(01)	662	662
Delimiter character, always X'05'.					
TLSM-02134SORTCFLT5	05	N	9(02)	663	664
Sort Customer Float 5. Number of customer float days for the fifth check entered.					
FILLER	05	C	X(01)	665	665
Delimiter character, always X'05'.					
TLSM-02134SORTBFLT5	05	N	9(02)	666	667
Sort Bank Float 5. Number of bank float days for the fifth check entered.					
FILLER	05	C	X(01)	668	668
Delimiter character, always X'05'.					
TLSM-02134ITEMTYPE5	05	N	9(02)	669	670
Float Item Type 5. See TLSM-02134ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	671	671
Delimiter character, always X'05'.					
TLSM-02ITMCNT5	05	N	9(07)	672	678
Item Count 5. Number of items deposited with the fifth check entered.					
FILLER	05	C	X(01)	679	679
Delimiter character, always X'05'.					
TLSM-02USERAREA1	05	C	X(18)	680	697
User Area 1. Field for customer use.					
FILLER	05	C	X(01)	698	698
Delimiter character, always X'05'.					
TLSM-02USERAREA2	05	C	X(18)	699	716
User Area 2. Field for customer use.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	717	717
TLSM-02BOWNER Bond Owner Name.	05	C	X(28)	718	745
FILLER Delimiter character, always X'05'.	05	C	X(01)	746	746
TLSM-02BNINDEX Bond Name Index. Last name of bond owner.	05	C	X(30)	747	776
FILLER Delimiter character, always X'05'.	05	C	X(01)	777	777
TLSM-02BADDR1 Bond Address Line 1. Mailing address line 1 or care-of name (corresponds with TLSM-02BDELIVECD).	05	C	X(28)	778	805
FILLER Delimiter character, always X'05'.	05	C	X(01)	806	806
TLSM-02BADDR2 Bond Address Line 2. Mailing address line 2 (for bond delivery).	05	C	X(28)	807	834
FILLER Delimiter character, always X'05'.	05	C	X(01)	835	835
TLSM-02BCITY Bond City. City for bond delivery.	05	C	X(20)	836	855
FILLER Delimiter character, always X'05'.	05	C	X(01)	856	856
TLSM-02BSTATE Bond State. State for bond delivery.	05	C	X(02)	857	858
FILLER Delimiter character, always X'05'.	05	C	X(01)	859	859
TLSM-02BZIP Bond Delivery ZIP Code. The five-digit ZIP code should be left justified, with trailing zeros if needed.	05	N	9(09)	860	868
FILLER Delimiter character, always X'05'.	05	C	X(01)	869	869

Field Name	Level	Mode	Picture	Displacement	
TLSM-02BCOWNER	05	C	X(28)	870	897
Bond Co-owner. Second person named on bond.					
FILLER	05	C	X(01)	898	898
Delimiter character, always X'05'.					
TLSM-02BDELIVECD	05	N	9(01)	899	899
Bond Delivery Code. Indicates where to mail the bond. Valid entries are: **2** Mail bond to owner. **3** Mail bond to care-of address indicated in TLSM-02BADDR1.					
FILLER	05	C	X(01)	900	900
Delimiter character, always X'05'.					
TLSM-02BCONTYPE	05	C	X(03)	901	903
Co-owner Payment Type Code. Valid entries are: ~~**b**~~ Bond owner only. **OR** Bond owner or second named person. **POD** Payment on death to second named person.					
FILLER	05	C	X(01)	904	904
Delimiter character, always X'05'.					
TLSM-02BD50S	05	N	9(03)	905	907
Fifties. Fifty-dollar denomination field.					
FILLER	05	C	X(01)	908	908
Delimiter character, always X'05'.					
TLSM-02BD75S	05	N	9(03)	909	911
Seventy-fives. Seventy-five dollar denomination field.					
FILLER	05	C	X(01)	912	912
Delimiter character, always X'05'.					
TLSM-02BD100S	05	N	9(03)	913	915
Hundreds. One-hundred dollar denomination field.					
FILLER	05	C	X(01)	916	916
Delimiter character, always X'05'.					
TLSM-02BD200S	05	N	9(03)	917	919
Two-hundreds. Two-hundred dollar denomination field.					
FILLER	05	C	X(01)	920	920
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-02BD500S	05	N	9(03)	921	923
Five-hundreds. Five-hundred dollar denomination field.					
FILLER	05	C	X(01)	924	924
Delimiter character, always X'05'.					
TLSM-02BD1000S	05	N	9(03)	925	927
Thousands. One-thousand dollar denomination field.					
FILLER	05	C	X(01)	928	928
Delimiter character, always X'05'.					
TLSM-02BD5000S	05	N	9(03)	929	931
Five-thousands. Five-thousand dollar denomination field.					
FILLER	05	C	X(01)	932	932
Delimiter character, always X'05'.					
TLSM-02BD10000S	05	N	9(03)	933	935
Ten-thousands. Ten-thousand dollar denomination field.					
FILLER	05	C	X(01)	936	936
Delimiter character, always X'05'.					
TLSM-02CKSOUT	05	P	S9(15)V99	937	945
FILLER	05	C	X(01)	946	946

TLSM-DATA03 – Standard Message Data Format 03

Standard Message Data Format 03 is used for teller maintenance transactions such as updating teller records and adding new tellers. This format is also used for teller records inquiries. The library name for this area is TLSSM03.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA03	01	R		1	113
Standard Message Data Format 03 Record.					
TLSM-03BYTES	05	G		1	2
Byte Area.					
TLSM-03FLDBYTEM01	07	C	X(01)	1	1
Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Institution number. Bit 3 – Teller ID. Bit 4 – Security. Bit 5 – Teller password. Bit 6 – Teller name. Bit 7 – Minimum cash.					
TLSM-03FLDBYTEM02	07	C	X(01)	2	2
Fields Present Byte 2. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Maximum cash. Bit 3 – Test code. Bit 4 – ATM code. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.					
TLSM-03INST	05	N	9(04)	3	6
Institution Number. Institution number new/changed teller.					
FILLER	05	C	X(01)	7	7
Delimiter character, always X'05'.					
TLSM-03TLRNBR	05	C	X(08)	8	15
Teller ID. Teller ID for new/changed teller.					
FILLER	05	C	X(01)	16	16
Delimiter character, always X'05'.					
TLSM-03SECURITY	05	N	9(01)	17	17
Security for New/Changed Teller.					
FILLER	05	C	X(01)	18	18
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-03PASSWORD	05	N	9(08)	19	26
Password. Password for new/changed teller.					
FILLER	05	C	X(01)	27	27
Delimiter character, always X'05'.					
TLSM-03NAME	05	C	X(40)	28	67
Name. New/Changed teller name.					
FILLER	05	C	X(01)	68	68
Delimiter character, always X'05'.					
TLSM-03MINCSH	05	N	9(15)	69	83
Minimum Cash. New/Changed minimum cash for teller.					
FILLER	05	C	X(01)	84	84
Delimiter character, always X'05'.					
TLSM-03MAXCSH	05	N	9(15)	85	99
Maximum Cash. New/Changed maximum cash for teller.					
FILLER	05	C	X(01)	100	100
Delimiter character, always X'05'.					
TLSM-03TESTCD	05	C	X(01)	101	101
Test Code. New/Changed test code for teller. This field is reserved for future use; enter an **N** at this time.					
FILLER	05	C	X(01)	102	102
Delimiter character, always X'05'.					
TLSM-03ATMCD	05	C	X(01)	103	103
ATM Code. New/Changed ATM code for teller. Valid entries are: **N** Not an ATM. **Y** ATM.					
FILLER	05	C	X(01)	104	104
Delimiter character, always X'05'.					
TLSR-03LSTSIGNONDT	05	N	9(08)	105	112
Last Signon Date. The date the teller last signed on to the system. Format is MMDDYYYY.					
FILLER	05	C	X(01)	113	113
Delimiter character, always X'05'.					

TLSM-DATA04 – Standard Message Data Format 04

Standard Message Data Format 04 is used to request Teller Alert Message and to create teller alert messages that may be sent online to tellers. The library name for this area is TLSSM04.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA04	01	R		1	66
Standard Message Data Format 04 Record.					
TLSM-04BYTES	05	G		1	1
Byte Area.					
TLSM-04FLDBYTEM01	07	C	X(01)	1	1
Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Alternate institution number. Bit 3 – Alternate teller ID. Bit 4 – Message priority. Bit 5 – Message effective date. Bit 6 – Message purge date. Bit 7 – Message.					
TLSM-04ALTINST	05	N	9(04)	2	5
Alternate Institution Number. Alternate institution number the message is routed to.					
FILLER	05	C	X(01)	6	6
Delimiter character, always X'05'.					
TLSM-04ALTLRNBR	05	C	X(08)	7	14
Alternate Teller ID. Alternate teller ID the message is routed to.					
FILLER	05	C	X(01)	15	15
Delimiter character, always X'05'.					
TLSM-04MSGPRTY	05	C	X(01)	16	16
Message Priority. Priority of this message record.					
FILLER	05	C	X(01)	17	17
Delimiter character, always X'05'.					
TLSM-04EFFDTE	05	N	9(08)	18	25
Effective Date of Message. Format is MMDDYYYY.					
FILLER	05	C	X(01)	26	26
Delimiter character, always X'05'.					
TLSM-04PRGDTE	05	N	9(08)	27	34
Purge Date of Message. Format is MMDDYYYY.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	35	35
TLSM-04TLRMSG Teller Message. Message Text.	05	C	X(30)	36	65
FILLER Delimiter character, always X'05'.	05	C	X(01)	66	66

TLSM-DATA05 – Standard Message Data Format 05

Standard Message Data Format 05 is used for cash status inquires, which can be called by institution, branch, or teller. The library name for this area is TLSSM05.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA05 Standard Message Data Format 05 Record.	01	R		1	21
TLSM-05BYTES Byte Area.	05	G		1	1
TLSM-05FLDBYTEM01 Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Institution number. Bit 3 – Branch number. Bit 4 – Teller ID. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.	07	C	X(01)	1	1
TLSM-05BKNBR Institution Number. Institution number for cash inquiry.	05	N	9(04)	2	5
FILLER Delimiter character, always X'05'.	05	C	X(01)	6	6
TLSM-05BRNBR Branch Number. Branch number for cash inquiry.	05	N	9(05)	7	11
FILLER Delimiter character, always X'05'.	05	C	X(01)	12	12
TLSM-05TLRNBR Teller ID. Teller ID for cash inquiry.	05	C	X(08)	13	20
FILLER Delimiter character, always X'05'.	05	C	X(01)	21	21

TLSM-DATA06 – Standard Message Data Format 06

Standard Message Data Format 06 is used to count each teller's cash and compare the total to the position of the teller cash drawer. The library name for this area is TLSSM06.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA06 Standard Message Data Format 06 Record.	01	R		1	295
TLSM-06BYTES Byte Area.	05	G		1	3
TLSM-06FLDBYTEM01 Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Wrapped bills. Bit 3 – Thousand-dollar bills. Bit 4 – Hundred-dollar bills. Bit 5 – Fifty-dollar bills. Bit 6 – Twenty-dollar bills. Bit 7 – Ten-dollar bills.	05	C	X(01)	1	1
TLSM-06FLDBYTEM02 Fields Present Byte 2. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Five-dollar bills. Bit 3 – Two-dollar bills. Bit 4 – One-dollar bills. Bit 5 – Odd bills. Bit 6 – Rolled coins. Bit 7 – Dollar coins.	07	C	X(01)	2	2
TLSM-06FLDBYTEM03 Fields Present Byte 3. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Half-dollar coins. Bit 3 – Quarter coins. Bit 4 – Dime coins. Bit 5 – Nickel coins. Bit 6 – Penny coins. Bit 7 – Odd coins.	07	C	X(01)	3	3
TLSM-06BWRBILLS Wrapped Bills. Total dollar amount of wrapped bills.	05	N	9(15)	4	18
FILLER Delimiter character, always X'05'.	05	C	X(01)	19	19
TLSM-06BTHOUS Thousands. Count of thousand-dollar bills.	05	N	9(15)	20	34

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	35	35
TLSM-06BHUNDS Hundreds. Count of hundred-dollar bills.	05	N	9(15)	36	50
FILLER Delimiter character, always X'05'.	05	C	X(01)	51	51
TLSM-06BFIFTS Fifties. Count of fifty-dollar bills.	05	N	9(15)	52	66
FILLER Delimiter character, always X'05'.	05	C	X(01)	67	67
TLSM-06BTWENS Twenties. Count of twenty-dollar bills.	05	N	9(15)	68	82
FILLER Delimiter character, always X'05'.	05	C	X(01)	83	83
TLSM-06BTENS Tens. Count of ten-dollar bills.	05	N	9(15)	84	98
FILLER Delimiter character, always X'05'.	05	C	X(01)	99	99
TLSM-06BFIVES Fives. Count of five-dollar bills.	05	N	9(15)	100	114
FILLER Delimiter character, always X'05'.	05	C	X(01)	115	115
TLSM-06BTWOS Twos. Count of two-dollar bills.	05	N	9(15)	116	130
FILLER Delimiter character, always X'05'.	05	C	X(01)	131	131
TLSM-06BONES Ones. Count of one-dollar bills.	05	N	9(15)	132	146
FILLER Delimiter character, always X'05'.	05	C	X(01)	147	147

Field Name	Level	Mode	Picture	Displacement	
TLSM-06BOBILLS	05	N	9(15)	148	162
Odd Bills. Total dollar amount of odd bills, converted to U.S. currency.					
FILLER	05	C	X(01)	163	163
Delimiter character, always X'05'.					
TLSM-06BRCOINS	05	N	9(15)V99	164	180
Rolled Coins. Total amount of rolled coins, in dollars and cents.					
FILLER	05	C	X(01)	181	181
Delimiter character, always X'05'.					
TLSM-06BDOLLS	05	N	9(15)	182	196
Dollar Coins. Count of dollar coins.					
FILLER	05	C	X(01)	197	197
Delimiter character, always X'05'.					
TLSM-06BHALVS	05	N	9(15)	198	212
Halves. Count of half-dollar coins.					
FILLER	05	C	X(01)	213	213
Delimiter character, always X'05'.					
TLSM-06BQTRS	05	N	9(15)	214	228
Quarters. Count of quarters.					
FILLER	05	C	X(01)	229	229
Delimiter character, always X'05'.					
TLSM-06BDIMES	05	N	9(15)	230	244
Dimes. Count of dimes.					
FILLER	05	C	X(01)	245	245
Delimiter character, always X'05'.					
TLSM-06BNICKS	05	N	9(15)	246	260
Nickels. Count of nickels.					
FILLER	05	C	X(01)	261	261
Delimiter character, always X'05'.					
TLSM-06BPENNS	05	N	9(15)	262	276
Pennies. Count of pennies.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	277	277
TLSM-06BOCOINS Odd Coins. Total dollars and cents amount of odd coins, converted to U.S. currency.	05	N	9(15)V99	278	294
FILLER Delimiter character, always X'05'.	05	C	X(01)	295	295

TLSM-DATA07 – Standard Message Data Format 07

Standard Message Data Format 07 is used for log lookup inquiries. Log records may be displayed by teller or account. This format returns only customer monetary transactions. The library name for this area is TLSSM07.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA07	01	R		1	65
Standard Message Data Format 07 Record.					
TLSM-07BYTES	05	G		1	2
Byte Area.					
TLSM-07FLDBYTEM01	07	C	X(01)	1	1
Fields Present Byte 1. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Institution number. Bit 3 – Teller ID. Bit 4 – Date. Bit 5 – Time. Bit 6 – Reference number. Bit 7 – Account institution number.					
TLSM-07FLDBYTEM02	07	C	X(01)	2	2
Fields Present Byte 2. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Account external application code. Bit 3 – Account number. Bit 4 – Reserved for future use. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.					
TLSM-07INST	05	N	9(04)	3	6
Institution Number. Institution number for Log Record inquiry.					
FILLER	05	C	X(01)	7	7
Delimiter character, always X'05'.					
TLSM-07TLRNBR	05	C	X(08)	8	15
Teller ID. Teller ID for Log Record inquiry.					
FILLER	05	C	X(01)	16	16
Delimiter character, always X'05'.					
TLSM-07DATE	05	N	9(08)	17	24
Date. Date for Log Record inquiry. Format is MMDDYYYY.					
FILLER	05	C	X(01)	25	25
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSM-07TIME	05	N	9(06)	26	31
Time. Time for Log Record inquiry. Format is HHMMSS.					
FILLER	05	C	X(01)	32	32
Delimiter character, always X'05'.					
TLSM-07REFNBR	05	N	9(05)	33	37
Reference Number. For Log Record inquiry.					
FILLER	05	C	X(01)	38	38
Delimiter character, always X'05'.					
TLSM-07ACCTBK	05	N	9(04)	39	42
Institution Number of Account.					
FILLER	05	C	X(01)	43	43
Delimiter character, always X'05'.					
TLSM-07APPL	05	N	9(02)	44	45
Application. External application account number.					
FILLER	05	C	X(01)	46	46
Delimiter character, always X'05'.					
TLSM-07ACCT	05	N	9(18)	47	64
Account. Account number of the transaction.					
FILLER	05	C	X(01)	65	65
Delimiter character, always X'05'.					

TLSM-DATA11 – Standard Message Data Format 11

Standard Message Data Format 11 is used for settlement record inquiries. Inquiries can be made by institution, branch, teller and type. AM or PM records must be specified. The library name for this area is TLSSM11.

Field Name	Level	Mode	Picture	Displacement	
TLSM-DATA11 Standard Message Data Format 11 Record.	01	R		1	27
TLSM-11BYTES Byte Area.	05	G		1	1
TLSM-11FLDBYTEM01 Fields Present Byte 1. Each bit of this byte represents a field in the variable data area.	07	C	X(01)	1	1
TLSM-11INST Institution Number. Number which settlement information is requested. It forms part of the key needed to read the Settlement Record.	05	N	9(04)	2	5
FILLER Delimiter character, always X'05'.	05	C	X(01)	6	6
TLSM-11BRNBR Branch Number. Number which the settlement information is requested. Forms part of the key needed to read the Settlement Record. Not required for institution settlement requests.	05	N	9(05)	7	11
FILLER Delimiter character, always X'05'.	05	C	X(01)	12	12
TLSM-11TLRNBR Teller ID. Number which the settlement information is requested. It forms part of the key needed to read the Settlement Record. It is not required for branch settlement requests.	05	C	X(08)	13	20
FILLER Delimiter character, always X'05'.	05	C	X(01)	21	21
TLSM-11TYPESW Type Switch Code. Code used to request a specific type of accumulator. The actual type is indicated in TLIM-11TYPE. Valid entries are: **N** No. **Y** Yes.	05	C	X(01)	22	22
FILLER Delimiter character, always X'05'.	05	C	X(01)	23	23

Field Name	Level	Mode	Picture	Displacement	
TLSM-11TYPE	05	C	X(01)	24	24

Type. Accumulator Type Requested. Corresponds to the type entered on MICM Form 0244. Valid entries are **1 – 9**.

FILLER	05	C	X(01)	25	25

Delimiter character, always X'05'.

TLSM-11AMPMINDR	05	C	X(01)	26	26

AM/PM Indicator. Indicates the type of settlement record to access. Valid entries are:

- **A** AM Settlement Record.
- **P** PM Settlement Record.

FILLER	05	C	X(01)	27	27

Delimiter character, always X'05'.

Coding Requirements by Transaction

This section is designed to help you identify the fields that are required for each transaction within a standard message format. This information is presented in matrix form. These matrixes provide useful coding information by transaction. They identify the requirements of the transaction and if the field is required, optional or not allowed.

Each matrix is divided in two main parts: Transaction Information and Field Information.

Before each table, there is a description of the transactions in that format. A list of the field abbreviations, in the order they appear within the matrix follows the transaction descriptions.

Note: The transaction table member for these fields is copybook TLW010.

Transaction Information

The following provides a key to understanding the processing codes that appear at the beginning of each matrix.

Transaction Code

Transaction code used for a specific transaction. Transactions are listed in numerical order.

Note: For illustration purposes only, we list internal codes for the transaction codes in these matrixes. Refer to the Appendix of this guide for the external codes that apply to your system.

Transaction Code Description

Transaction description for the transaction code number.

D/C Code

Debit/Credit code which indicates whether an account is processing a debit transaction, credit transaction, debit correction, credit correction, or no debit/credit transaction. Valid entries are:

- **0** Not a debit/credit transaction.
- **1** Credit transaction.
- **2** Debit correction.
- **3** Debit transaction.
- **4** Credit correction.

Correction Code

Correction code which indicates whether a correction can be made to an account. Valid entries are:

- **N** Correction is not allowed.
- **Y** Correction is allowed.

New Account Code

New account code used when the system denies a transaction because the account is not found. This code indicates whether force can be used to override the system to create an account. Valid entries are:

N Force cannot be used to create an account.
Y Force can be used to create a new account.

Field Requirements

Fields are listed across the top of each matrix. Each field corresponds with a transaction listed on the left side of the matrix. The individual field codes are used to describe the status of each field as it applies to a particular transaction. Valid entries are:

0 Field is allowed, but not required.
1 Field is required.
2 Field is not allowed.

Note: The Data Field Edit Error Conditions for Standard Message Format Matrixes section of this chapter contains additional information about acceptable value for message fields.

Format 01 Transaction and Field Descriptions

The following describes the headings used in the coding requirement matrixes appearing in this chapter.

Transaction Descriptions

The transaction amount field contains the starting or ending cash for signons and signoffs, the adjusting amount for buying and selling cash transactions, debit and credit correction transactions, cash overage transactions and cash shortage transactions.

0060 – Teller Sign On	Signs the teller on the system.
0070 – Teller Return Sign On	Signs the teller on after a temporary signoff.
0080 – Force Teller Sign On	Forces a teller signon.
0120 – Buy Cash	Credit transaction with a debit/credit amount of zero.
0170 – Sell Cash	Debit transaction with a debit/credit amount of zero.
0311 – Cash Shortage	Amount of cash difference (shortage) between the computed cash position and the Teller cash count.
0312 – Cash Correction Credit	Credits the computed cash position with a given amount.
0361 – Cash Overage	Amount of cash difference (overage) between the computed cash position and the Teller cash count.
0362 – Cash Correction Debit	Debits the computed cash position with a given amount.
0560 – Teller Sign Off	Signs the teller off.
0570 – Teller Temporary Sign Off	Temporarily signs the teller off.
0580 – Force Teller Sign Off	Forces a teller sign off.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Cash Drwr Cash drawer ID
Tlr Pswrd Teller password
Supv ID Supervisor ID
Supv Pswrd Supervisor password
Alt Tlr ID Alternate teller ID (teller ID 2)
Flds 6-20 Fields 6 – 20

Coding Requirements for Format 01

Transaction Information					Field Requirements					
					Field					
					1	2	3	4	5	6
Tran Code	**Transaction Code Description**	**D/C Code**	**Corr Code**	**New Acct Code**	**Cash Drwr ID**	**Tlr Pswrd**	**Supv ID**	**Supv Pswrd**	**Alt Tlr ID**	**Flds 6-20**
0060	Teller Sign On	0	N	N	1	1	0	0	0	2
0070	Teller Return Sign On	0	N	N	0	1	0	0	0	2
0080	Force Teller Sign On	0	N	N	1	1	1	1	0	2
0120	Buy Cash	1	Y	N	0	0	0	0	1	2
0170	Sell Cash	3	Y	N	0	0	0	0	1	2
0311	Cash Shortage	1	N	N	2	2	0	0	2	2
0312	Cash Correction Credit	3	N	N	2	2	0	0	2	2
0361	Cash Overage	3	N	N	2	2	0	0	2	2
0362	Cash Correction Debit	1	N	N	2	2	0	0	2	2
0560	Teller Sign Off	0	N	N	0	0	0	0	0	2
0570	Teller Temporary Sign Off	0	N	N	0	0	0	0	0	2
0580	Force Teller Sign Off	0	N	N	0	0	1	1	0	2

Format 02 Transaction and Field Descriptions

These lists provide information about the Format 02 transactions. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

All format 02 transactions, with the exception of the Hold transaction (1100), Account Inquiry transaction (1410), Account Balance Inquiry transaction (1420), Stop Payment Inquiry transaction (1430), Post Not Booked transaction (1440) Reset Not Booked transaction (1441), Not Booked Inquiry transaction (1442), and Reset Passbook Balance transaction (1443), require the transaction amount field.

Cash-back amounts can never exceed the check amount or the transaction amount fields.

All transactions, with the exception of the Hold (1100), Transfer-in (1030), and Transfer-out (1530) transactions, will have to pass the cross foot check routing, which is:

Cash Amt + Check Amt + Fee Amt – Cash Back Amt = Transaction Amt

All transactions, with the exception of those transactions that specifically state the field is not allowed in the table 10 requirements, must have (in addition to the transaction amount) the cash amount or the check amount or both. However, there must be at least one of these present to cross foot to the transaction amount. Cash drawer buckets are only affected when the cash amount field is used. The one specific exception to this is the cash on-us/local/foreign check transactions (1730, 1740 and 1750). The cash back amount and cash amount fields cannot be used, and the check amount field is used as the cash amount for cash drawer purposes.

1010 – Deposit	Credit transaction amount that is the sum of the check and cash amounts.
1020 – New Account Deposit	Credit transaction that creates a new account on the Balance Record. The transaction amount is the sum of the check and cash amounts.
1030 – Transfer-in	Credit transaction used for the transaction amount.
1040 – Club Payment	Credit transaction that is the sum of the check and cash amounts.
1060 – Miscellaneous Credit 1	Credit transaction that is the sum of the cash and check amounts.

1070 – Miscellaneous Credit 2	Credit transaction that is the sum of the cash and check amounts.
1075 – Credit Non-balance	Credit transaction that does not affect account balances.
1080 – Fee/Penalty	Credit transaction that is the cash amount entered.
1090 – Generated Float	Credit transaction that is the hold amount entered.
1100 – Hold	Transaction for teller holds the amount in the hold field.
1110 – Loan Payment	Credit transaction that is the sum of the check and cash amounts.
1111 – Loan Reversing Debit	Credit transaction that reverses a loan debit.
1120 – Loan Payoff	Credit transaction that is the sum of the check and cash amounts.
1150 – Safe Deposit Rental	Credit transaction that is the sum of the check and cash amounts.
1160 – Utility Payment	Credit transaction that is the sum of the check and cash amounts.
1170 – Withholding Tax Payment	Credit transaction that is the sum of the check and cash amounts.
1180 – Local Tax Payment	Credit transaction that is the sum of the check and cash amounts.
1190 – Miscellaneous Payment	Credit transaction that is the sum of the check and cash amounts.
1310 – Sell Cashier Check	Credit transaction that is the sum of the check and cash amounts.
1320 – Sell Trust Check	Credit transaction that is the sum of the check and cash amounts.
1330 – Sell Gift Check	Credit transaction that is the sum of the check and cash amounts.
1340 – Sell Travelers Check	Credit transaction that is the sum of the check and cash amounts.
1350 – Sell Money Order	Credit transaction that is the sum of the check and cash amounts.
1360 – Sell Savings Bond	Credit transaction that is the sum of the check and cash amounts.

1361 – Sell Savings Bond 2	Credit transaction that is the sum of the check and cash amounts. This is the specific transaction code to be used for sending magnetic data to the Federal Government for printing bonds.
1370 – Sell Food Stamps	Credit transaction that is the sum of the check and cash amounts.
1390 – Sell Merchandise	Credit transaction that is the sum of the check and cash amounts.
1410 – Account Inquiry	Transaction that accesses the records to retrieve account information.
1420 – Account Balance Inquiry	Transaction that accesses the records to retrieve account balances.
1430 – Stop Payment Inquiry	Transaction that accesses the records to retrieve account stop payments.
1440 – Post Not Booked Transactions	Notifies the system to route all not-booked transactions for an account to the terminal.
1441 – Reset Not Booked Transactions	Reflags all the booked transactions on the Not-booked Transaction Record so that they are not booked. It also recalculates the passbook balance for the account.
1442 – Not Booked Transaction Inquiry	Returns all not-booked transactions on the Not-booked Transaction Record for the account. The transaction rejects if the passbook is present. **Note:** This transaction is used only as an example.
1443 – Change Passbook Balance	Allows the supervisor to modify the passbook balance for this account.
1450 – Post Not Booked Transactions	Transactions that were not booked prior to a 1440 transaction; receives notification to book all not-booked transactions.
1510 – Withdrawal	Debit transaction that is the sum of the check and cash amounts.
1520 – Close Withdrawal	Debit transaction that is the sum of the check and cash amounts.
1530 – Transfer-out	Debit transaction that is used for the transaction amount.
1540 – Club Disbursement	Debit transaction that is the sum of the check and cash amounts.

1560 – Miscellaneous Debit 1	Debit transaction that is the sum of the cash and check amounts.
1570 – Miscellaneous Debit 2	Debit transaction that is the sum of the check and cash amounts.
1575 – Debit Non-balance	Debit transaction that does not affect account balances.
1610 – Loan Disbursement	Debit transaction that is the sum of the check and cash amounts.
1611 – Loan Reversing Credit	Debit transaction that reverses a loan credit.
1690 – Miscellaneous Disbursement	Debit transaction that is the sum of the check and cash amounts.
1580 – Miscellaneous Fee/Penalty Debit	Debit transaction used for the cash amount.
1630 – Cash Advance	Debit transaction used for the cash amount.
1730 – Cash On-us Check	Debit transaction that used the check amount as the cash amount.
1740 – Cash Local Check	Debit transaction that uses the check amount as the cash amount.
1750 – Cash Foreign Check	Debit transaction that uses the check amount as the cash amount.
1810 – Cash Cashier Check	Debit transaction that is the sum of the cash and check amounts.
1820 – Cash Trust Check	Debit transaction that is sum of the cash and check amounts.
1830 – Cash Gift Check	Debit transaction that is the sum of the cash and check amounts.
1840 – Cash Travelers Check	Debit transaction that is the sum of the cash and check amounts.
1850 – Cash Money Order	Debit transaction that is the sum of the cash and check amounts.
1860 – Redeem Savings Bond	Debit transaction that is the sum of the cash and check amounts.
1861 – Redeem Savings Bond 2	Debit transaction that is the sum of the cash and check amounts. Required for interfacing with the Federal Government.
1870 – Redeem Food Stamps	Debit transaction that is the sum of the cash and check amounts.
1890 – Return Merchandise	Debit transaction that is the sum of the cash and check amounts.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Appl Acct	Application and account number
Alt Appl Acct	Alternate application and account
PIN	Personal identification number
Csh Amt	Cash amount
Cash Back Amt	Cash back amount
Chk Amt	Check amount
Chk Ser Nbr	Check serial number
Hold Amt	Hold amount
Hold Days	Hold days
Fee Amt	Fee amount
Eff Dte	Effective date
Pbk Bal	Passbook balance
Supv Appr	Supervisor approval (supervisor number and password)
Cst Ctr	Cost center
Des Ln 1	Description line 1
Des Ln 2	Description line 2
SSN	Social security number
Rte Trn Nbr	Routing and transit number
Tran Seq Nbr	Transaction sequence number
Float	Float
Srce Input	Source of input
Prin Amt	Principal amount
Int Amt	Interest amount
Esc Amt	Escrow amount
Com Nbr	Commitment number
Note Nbr	Note number
Cls Fld	Class field
Pay-by Cd	Pay-by code
Pay-off Cd	Payoff code
Bnd Owner	Bond owner
Bnd Indx	Bond name index
Bnd Addr1	Bond address line 1
Bnd Addr2	Bond address line 2
Bnd City	Bond city
Bnd Ste	Bond state
Bnd ZIP	Bond ZIP code
Bnd Co-Owner	Bond co-owner
Bond Del Code	Bond deliver code
Bond Conn Type	Bond connective type
Bond Nbr 50	Bond number of fifty dollar denomination
Bond Nbr 75	Bond number of seventy-five dollar denomination
Bond Nbr 100	Bond number of one-hundred dollar denomination
Bond Nbr 200	Bond number of two-hundred dollar denomination
Bond Nbr 500	Bond number of five-hundred dollar denomination
Bond Nbr 1000	Bond number of one-thousand dollar denomination
Bond Nbr 5000	Bond number of five-thousand dollar denomination
Bond Nbr 10000	Bond number of ten-thousand dollar denomination

Coding Requirements for Format 02 – Part 1 of 3

Transaction Information					Field Requirements								
					Field								
					1	2	3	4	5	6	7	8	9
Tran Code	Tran Code Description	D/C Code	Corr Code	New Acct Code	Appl Acct	Alt Appl Acct	PIN	Csh Amt	Cash Back Amt	Chk Amt	Chk Ser Nbr	Hold Amt	Hold Days
1010	Deposit	1	Y	N	1	2	0	0	0	0	0	0	0
1020	New Account Deposit	1	Y	Y	1	2	0	0	0	0	0	0	0
1030	Transfer-in	1	Y	N	1	0	0	2	2	2	2	2	2
1040	Club Payment	1	Y	N	1	2	0	0	0	0	0	0	0
1060	Misc Credit 1	1	Y	N	1	2	0	0	0	0	0	0	0
1070	Misc Credit 2	1	Y	N	1	2	0	0	0	0	0	0	0
1075	Credit Non-balance	0	Y	N	1	2	0	2	2	2	1	2	2
1080	Fee/Penalty	1	Y	N	1	2	0	1	2	2	2	2	2
1090	Generated Float	1	N	N	1	2	0	2	2	1	0	2	0
1100	Hold	1	N	N	1	2	0	2	2	2	0	1	0
1110	Loan Payment	1	Y	N	1	2	0	0	0	0	0	2	2
1111	Loan Rev Debit	1	Y	N	1	2	2	0	0	0	0	0	2
1120	Loan Payoff	1	Y	N	1	2	0	0	0	0	0	2	2
1150	Safe Deposit Rental	1	Y	N	0	2	0	0	0	0	0	0	0
1160	Utility Payment	1	Y	N	0	2	0	0	0	0	0	0	0
1170	Withholding Tax Payment	1	Y	N	0	2	0	0	0	0	0	0	0
1180	Local Tax Payment	1	Y	N	0	2	0	0	0	0	0	0	0
1190	Misc Payment	1	Y	N	0	2	0	0	0	0	0	0	0
1310	Sell Cashier Check	1	Y	N	0	2	0	0	0	0	0	2	2
1320	Sell Trust Check	1	Y	N	0	2	0	0	0	0	0	2	2

Coding Requirements for Format 02 – Part 1 of 3 (cont'd)

	Field Requirements														
	Field														
	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25
Tran Code	Fee Amt	Eff Dte	Pbk Bal	Spv Appr	Cst Ctr	Des Ln 1	Des Ln 2	SSN	Rte Trn Nbr	Tran Seq Nbr	Float	Srce Input	Prin Amt	Int Amt	Esc Amt
1010	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1020	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1030	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1040	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1060	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1070	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1075	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1080	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1090	2	0	2	0	0	0	0	0	0	0	1	0	0	0	0
1100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1110	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1111	2	0	1	0	0	0	0	0	0	0	0	0	2	2	2
1120	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1150	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1160	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1170	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1180	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1190	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1310	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1320	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0

Note: Column 20 is skipped intentionally. It is not used.

Coding Requirements for Format 02 – Part 1 of 3 (cont'd)

	Field Requirements												
	Field												
	26	27	28	29	30	31	32	33	34	35	36	37	38
Tran Cd	Com Nbr	Note Nbr	Cls Fld	Pay-by Cd	Pay-off Cd	Bnd Owner	Bnd Indx	Bnd Addr1	Bnd Addr2	Bnd City	Bnd Ste	Bnd ZIP	Bnd Co-owner
1010	0	0	0	0	0	2	2	2	2	2	2	2	2
1020	0	0	0	0	0	2	2	2	2	2	2	2	2
1030	0	0	0	0	0	2	2	2	2	2	2	2	2
1040	0	0	0	0	0	2	2	2	2	2	2	2	2
1060	0	0	0	0	0	2	2	2	2	2	2	2	2
1070	0	0	0	0	0	2	2	2	2	2	2	2	2
1075	0	0	0	0	0	2	2	2	2	2	2	2	2
1080	0	0	0	0	0	2	2	2	2	2	2	2	2
1090	0	0	0	0	0	2	2	2	2	2	2	2	2
1100	0	0	0	0	0	2	2	2	2	2	2	2	2
1110	0	0	0	0	0	2	2	2	2	2	2	2	2
1111	2	2	2	1	2	2	2	2	2	2	2	2	2
1120	0	0	0	0	0	2	2	2	2	2	2	2	2
1150	0	0	0	0	0	2	2	2	2	2	2	2	2
1160	0	0	0	0	0	2	2	2	2	2	2	2	2
1170	0	0	0	0	0	2	2	2	2	2	2	2	2
1180	0	0	0	0	0	2	2	2	2	2	2	2	2
1190	0	0	0	0	0	2	2	2	2	2	2	2	2
1310	0	0	0	0	0	2	2	2	2	2	2	2	2
1320	0	0	0	0	0	2	2	2	2	2	2	2	2

Standard Message Data Format 02 – Part 1 of 3 (cont'd)

	Field Requirements									
	Field									
	39	40	41	42	43	44	45	46	47	48
Tran Code	Bond Del Code	Bond Conn Type	Bond Nbr 50	Bond Nbr 75	Bond Nbr 100	Bond Nbr 200	Bond Nbr 500	Bond Nbr 1000	Bond Nbr 5000	Bond Nbr 10000
1010	2	2	2	2	2	2	2	2	2	2
1020	2	2	2	2	2	2	2	2	2	2
1030	2	2	2	2	2	2	2	2	2	2
1040	2	2	2	2	2	2	2	2	2	2
1060	2	2	2	2	2	2	2	2	2	2
1070	2	2	2	2	2	2	2	2	2	2
1075	0	0	0	0	0	0	0	0	0	0
1080	2	2	2	2	2	2	2	2	2	2
1090	2	2	2	2	2	2	2	2	2	2
1100	2	2	2	2	2	2	2	2	2	2
1110	2	2	2	2	2	2	2	2	2	2
1111	2	2	2	1	2	2	2	2	2	2
1120	2	2	2	2	2	2	2	2	2	2
1150	2	2	2	2	2	2	2	2	2	2
1160	2	2	2	2	2	2	2	2	2	2
1170	2	2	2	2	2	2	2	2	2	2
1180	2	2	2	2	2	2	2	2	2	2
1190	2	2	2	2	2	2	2	2	2	2
1310	2	2	2	2	2	2	2	2	2	2
1320	2	2	2	2	2	2	2	2	2	2

Coding Requirements for Format 02 – Part 2 of 3

Transaction Information					Field Requirements								
					Field								
					1	2	3	4	5	6	7	8	9
Tran Code	Tran Code Descriptions	D/C Cd	Corr Cd	New Acct Cd	Appl Acct	Alt Appl Acct	PIN	Csh Amt	Csh Back Amt	Chk Amt	Chk Ser Nbr	Hold Amt	Hold Days
1330	Sell Gift Check	1	Y	N	0	2	0	0	0	0	0	2	2
1340	Sell Trav Chck	1	Y	N	0	2	0	0	0	0	0	2	2
1350	Sell Money Order	1	Y	N	0	2	0	0	0	0	0	2	2
1360	Sell Sav Bnd	1	Y	N	0	2	0	0	0	0	0	2	2
1361	Sell Sav Bnd 2	1	Y	N	0	2	0	0	0	0	0	2	2
1370	Sell Fd Stmp	1	Y	N	0	2	0	0	0	0	0	2	2
1390	Sell Merchand	1	Y	N	0	2	0	0	0	0	0	2	2
1410	Acct Inquiry	0	N	N	1	2	2	2	2	2	2	2	2
1420	Acct Bal Inq	0	N	N	1	2	2	2	2	2	2	2	2
1430	Stop Pymt Inq	0	N	N	1	2	2	2	2	2	2	2	2
1440	Post Not Booked Trans	0	N	N	1	2	2	2	2	2	2	2	2
1441	Reset Not Booked Trans	0	N	N	1	2	2	2	2	2	2	2	2
1442	Not Booked Inquiry	0	N	N	1	2	2	2	2	2	2	2	2
1443	Change Psbk Balance Trans	0	N	N	1	2	2	2	2	2	2	2	2
1450	Posted Not Booked Trans	0	N	N	1	2	2	2	2	2	2	2	2
1510	Withdrawal	3	Y	N	1	2	0	0	2	0	0	2	2
1520	Close Withdraw	3	Y	N	1	2	0	0	2	0	0	2	2
1530	Transfer Out	3	Y	N	1	0	0	2	2	2	2	2	2
1540	Club Disburse	3	Y	N	1	2	0	0	2	0	0	2	2

Standard Message Data Format 02 Matrix – Part 2 of 3 (cont'd)

	Field Requirements														
	Field														
	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25
Tran Cd	Fee Amt	Eff Dte	Pbk Bal	Supv Appr	Cost Ctr	Des Ln 1	Des Ln 2	SSN	Rte Trn Nbr	Tran Seq Nbr	Float	Srce Input	Prin Amt	Int Amt	Esc Amt
1330	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1340	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1350	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1360	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1361	2	0	2	0	0	0	0	1	0	0	0	0	0	0	0
1370	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1390	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1410	2	2	2	2	2	2	2	2	2	2	0	2	0	0	0
1420	2	2	2	2	2	2	2	2	2	2	0	2	0	0	0
1430	2	2	2	2	2	2	2	2	2	2	0	2	0	0	0
1440	2	2	1	2	2	2	2	2	2	2	0	2	0	0	0
1441	2	2	2	2	2	2	2	2	2	2	0	2	0	0	0
1442	2	2	0	2	2	2	2	2	2	2	0	2	0	0	0
1443	2	2	1	2	2	2	2	2	2	2	0	2	0	0	0
1450	2	2	1	2	2	2	2	2	2	2	0	2	0	0	0
1510	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
1520	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
1530	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0
1540	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0

Standard Message Data Format 02 Matrix – Part 2 of 3 (cont'd)

	Field Requirements												
	Field												
	26	27	28	29	30	31	32	33	34	35	36	37	38
Tran Cd	Com Nbr	Note Nbr	Cls Fld	Pay-by Cd	Pay-off Cd	Bnd Owner	Bnd Index	Bnd Addr1	Bnd Addr2	Bnd City	Bnd Ste	Bnd ZIP	Bnd Co-owner
1330	0	0	0	0	0	2	2	2	2	2	2	2	2
1340	0	0	0	0	0	2	2	2	2	2	2	2	2
1350	0	0	0	0	0	2	2	2	2	2	2	2	2
1360	0	0	0	0	0	2	2	2	2	2	2	2	2
1361	0	0	0	0	0	1	1	0	0	1	1	1	0
1370	0	0	0	0	0	2	2	2	2	2	2	2	2
1390	0	0	0	0	0	2	2	2	2	2	2	2	2
1410	0	0	0	0	0	2	2	2	2	2	2	2	2
1420	0	0	0	0	0	2	2	2	2	2	2	2	2
1430	0	0	0	0	0	2	2	2	2	2	2	2	2
1440	0	0	0	0	0	2	2	2	2	2	2	2	2
1441	0	0	0	0	0	2	2	2	2	2	2	2	2
1442	0	0	0	0	0	2	2	2	2	2	2	2	2
1443	0	0	0	0	0	2	2	2	2	2	2	2	2
1450	0	0	0	0	0	2	2	2	2	2	2	2	2
1510	0	0	0	0	0	2	2	2	2	2	2	2	2
1520	0	0	0	0	0	2	2	2	2	2	2	2	2
1530	0	0	0	0	0	2	2	2	2	2	2	2	2
1540	0	0	0	0	0	2	2	2	2	2	2	2	2

Standard Message Data Format 02 Matrix – Part 2 of 3 (cont'd)

	Field Requirements									
	Field									
	39	40	41	42	43	44	45	46	47	48
Tran Code	Bond Del Code	Bond Conn Type	Bond Nbr 50	Bond Nbr 75	Bond Nbr 100	Bond Nbr 200	Bond Nbr 500	Bond Nbr 1000	Bond Nbr 5000	Bond Nbr 10000
1330	2	2	2	2	2	2	2	2	2	2
1340	2	2	2	2	2	2	2	2	2	2
1350	2	2	2	2	2	2	2	2	2	2
1360	2	2	2	2	2	2	2	2	2	2
1361	1	0	0	0	0	0	0	0	0	0
1370	2	2	2	2	2	2	2	2	2	2
1390	2	2	2	2	2	2	2	2	2	2
1410	2	2	2	2	2	2	2	2	2	2
1420	2	2	2	2	2	2	2	2	2	2
1430	2	2	2	2	2	2	2	2	2	2
1440	2	2	2	2	2	2	2	2	2	2
1441	2	2	2	2	2	2	2	2	2	2
1442	2	2	2	2	2	2	2	2	2	2
1443	2	2	2	2	2	2	2	2	2	2
1450	2	2	2	2	2	2	2	2	2	2
1510	2	2	2	2	2	2	2	2	2	2
1520	2	2	2	2	2	2	2	2	2	2
1530	2	2	2	2	2	2	2	2	2	2
1540	2	2	2	2	2	2	2	2	2	2

Coding Requirements for Format 02 – Part 3 of 3

Transaction Information					Field Requirements								
					Field								
					1	2	3	4	5	6	7	8	9
Tran Cd	Tran Code Description	D/C Cd	Corr Cd	New Acct Cd	Appl Acct	Alt Appl Acct	PIN	Csh Amt	Csh Back Amt	Chk Amt	Chk Ser Nbr	Hold Amt	Hold Days
1560	Misc Debit 1	3	Y	N	1	2	0	0	2	0	0	2	2
1570	Misc Debit 2	3	N	Y	1	2	0	0	2	0	0	2	2
1575	Debit Non-bal	0	Y	N	1	2	0	2	2	2	1	2	2
1580	Misc Fee/ Penalty Debit	3	Y	N	1	2	0	0	2	2	2	2	2
1610	Loan Disburse	3	Y	N	1	2	0	0	2	0	0	2	2
1611	Loan Rev Cred	3	Y	N	1	2	2	0	0	0	0	0	2
1630	Cash Advance	3	Y	N	1	2	0	1	2	2	2	2	2
1690	Miscellaneous Disbursement	3	Y	N	1	2	0	0	2	0	0	2	2
1730	Cash On-us Check	3	Y	N	1	2	0	2	2	0	0	2	2
1740	Cash Loc Chck	3	Y	N	0	2	0	2	2	0	0	0	0
1750	Cash For Chck	3	Y	N	0	2	0	2	2	0	0	0	0
1810	Cash Cashier Check	3	Y	N	0	2	0	0	2	0	0	0	0
1820	Cash Trst Chk	3	Y	N	0	2	0	0	2	0	0	0	0
1830	Cash Gift Chk	3	Y	N	0	2	0	0	2	0	0	0	0
1840	Cash Travelers Check	3	Y	N	0	2	0	0	2	0	0	0	0
1850	Csh Mon Ord	3	Y	N	0	2	0	0	2	0	0	0	0
1860	Redm Sav Bnd	3	Y	N	0	2	0	0	2	0	0	0	0
1861	Redeem Sav Bond 2	3	Y	N	0	2	0	0	2	0	0	2	2
1870	Redeem Food Stamps	3	Y	N	0	2	0	0	2	0	0	0	0
1890	Return Merch	3	Y	N	0	2	0	0	2	0	0	0	0

Standard Message Data Format 02 Matrix – Part 3 of 3 (cont'd)

	Field Requirements														
	Field														
	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25
Tran Cd	Fee Amt	Eff Dte	Pbk Bal	Supv Appr	Cost Ctr	Des Ln 1	Des Ln 2	SSN	Rte Trn	Tran Seq Nbr	Float	Srce Input	Prin Amt	Int Amt	Esc Amt
1560	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1570	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1575	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1580	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1610	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1611	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
1630	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1690	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1730	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1740	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1750	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1810	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1820	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1830	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1840	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1850	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1860	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1861	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
1870	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
1890	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0

Standard Message Data Format 02 Matrix – Part 3 of 3 (cont'd)

	Field Requirements												
	Field												
	26	27	28	29	30	31	32	33	34	35	36	37	38
Tran Cd	Com Nbr	Note Nbr	Cls Fld	Pay-by Cd	Pay-off Cd	Bnd Owner	Bnd Index	Bnd Addr1	Bnd Addr2	Bnd City	Bnd Ste	Bnd ZIP	Bnd Co-owner
1560	0	0	0	0	0	2	2	2	2	2	2	2	2
1570	0	0	0	0	0	2	2	2	2	2	2	2	2
1575	0	0	0	0	0	2	2	2	2	2	2	2	2
1580	0	0	0	0	0	2	2	2	2	2	2	2	2
1610	0	0	0	0	0	2	2	2	2	2	2	2	2
1611	2	2	2	1	2	2	2	2	2	2	2	2	2
1630	0	0	0	0	0	2	2	2	2	2	2	2	2
1690	0	0	0	0	0	2	2	2	2	2	2	2	2
1730	0	0	0	0	0	2	2	2	2	2	2	2	2
1740	0	0	0	0	0	2	2	2	2	2	2	2	2
1750	0	0	0	0	0	2	2	2	2	2	2	2	2
1810	0	0	0	0	2	2	2	2	2	2	2	2	2
1820	0	0	0	0	0	2	2	2	2	2	2	2	2
1830	0	0	0	0	0	2	2	2	2	2	2	2	2
1840	0	0	0	0	0	2	2	2	2	2	2	2	2
1850	0	0	0	0	0	2	2	2	2	2	2	2	2
1860	0	0	0	0	0	2	2	2	2	2	2	2	2
1861	0	0	0	0	0	1	1	1	0	1	1	1	0
1870	0	0	0	0	0	2	2	2	2	2	2	2	2
1890	0	0	0	0	0	2	2	2	2	2	2	2	2

Standard Message Data Format 02 Matrix – Part 3 of 3 (cont'd)

	Field Requirements									
	Field									
	39	40	41	42	43	44	45	46	47	48
Tran Code	Bond Del Code	Bond Conn Type	Bond Nbr 50	Bond Nbr 75	Bond Nbr 100	Bond Nbr 200	Bond Nbr 500	Bond Nbr 1000	Bond Nbr 5000	Bond Nbr 10000
1560	2	2	2	2	2	2	2	2	2	2
1570	2	2	2	2	2	2	2	2	2	2
1575	0	0	0	0	0	0	0	0	0	0
1580	2	2	2	2	2	2	2	2	2	2
1610	2	2	2	2	2	2	2	2	2	2
1611	2	2	2	2	2	2	2	2	2	2
1630	2	2	2	2	2	2	2	2	2	2
1690	2	2	2	2	2	2	2	2	2	2
1730	2	2	2	2	2	2	2	2	2	2
1740	2	2	2	2	2	2	2	2	2	2
1750	2	2	2	2	2	2	2	2	2	2
1810	2	2	2	2	2	2	2	2	2	2
1820	2	2	2	2	2	2	2	2	2	2
1830	2	2	2	2	2	2	2	2	2	2
1840	2	2	2	2	2	2	2	2	2	2
1850	2	2	2	2	2	2	2	2	2	2
1860	2	2	2	2	2	2	2	2	2	2
1861	1	0	0	0	0	0	0	0	0	0
1870	2	2	2	2	2	2	2	2	2	2
1890	2	2	2	2	2	2	2	2	2	2

Format 03 Transaction and Field Descriptions

These lists provide information about the Format 03 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

These are maintenance type transactions and the transaction amount field is zero.

0410 – Teller Inquiry	Displays pertinent teller information.
0420 – Reactivate Teller	Reactivates the teller. Transaction can be performed only by a supervisor.
0430 – Change Teller	Changes teller information. Transaction can be performed only by a supervisor.
0440 – Deactivate Teller	Deactivates the teller. Transaction can be performed only by a supervisor.
0450 – Delete Teller	Deletes the teller. Transaction can be performed only by a supervisor.
0460 – Add Teller	Adds a new teller. Transaction can be performed only by a supervisor.
0590 – Change Password	Changes the teller's password.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Inst Nbr	Institution number
Tlr ID	Teller ID
Sec Lvl	Security level
Pswd	Password
Nme	Name
Min Csh	Minimum cash
Max Csh	Maximum cash
Tst Cd	Test code
ATM Cd	ATM (Automated Teller Machine) code
Flds 10-20	Fields 10 – 20

Coding Requirements for Format 03

Transaction Information					Field Requirements									
					Field									
					1	2	3	4	5	6	7	8	9	
Tran Cd	Tran Cde Desc	D/C Cd	Corr Cd	New Acct Cd	Inst Nbr	Tlr ID	Sec Lvl	Pswd	Nme	Min Csh	Max Csh	Tst Cd	ATM Cd	Flds 10-20
0410	Teller Inquiry	0	N	N	1	1	0	0	0	0	0	0	0	2
0420	Reactivate Teller	0	N	N	1	1	0	0	0	0	0	0	0	2
0430	Change Teller	0	N	N	1	1	0	0	0	0	0	0	0	2
0440	Deactivate Teller	0	N	N	1	1	0	0	0	0	0	0	0	2
0450	Delete Teller	0	N	N	1	1	0	0	0	0	0	0	0	2
0460	Add Teller	0	N	N	1	1	1	0	1	1	1	0	2	2
0590	Change Password	0	N	N	1	1	2	1	2	2	2	2	2	2

Format 04 Transaction and Field Descriptions

These lists provide information about the Format 04 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

The transaction amount field must be zero.

0950 – Request Messages Enables the teller to request a message from the host system. Up to five messages will be returned in one record from the host. If more than five messages are outstanding, the host will turn on the resend bit and this transaction should be resent.

0960 – Enter Message Enables the teller to send a message to a selected terminal or a supervisor to broadcast to all terminals. Up to five messages can be included in one record.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Alt Inst Nbr Alternate institution number
Alt Tlr ID Alternate teller ID
Msg Pri Message priority
Eff Date Effective date
Prge Date Purge date
Msg Text Message text

Coding Requirements for Format 04

Transaction Information					Field Requirements					
					Field					
					1	2	3	4	5	6
Tran Code	Tran Code Description	D/C Code	Corr Code	New Acct Code	Alt Inst Nbr	Alt Tlr ID	Msg Pri	Eff Date	Prge Date	Msg Text
0950	Request Messages	0	N	N	1	1	0	0	0	0
0960	Enter Message	0	N	N	1	0	1	1	1	1

Format 05 Transaction and Field Descriptions

These lists provide information about the Format 05 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

The transaction amount field must be zero.

0920 – Cash Status Inquiry Requests the cash status of an institution, branch, or teller.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Inst Number Institution number
Branch Number Branch number
Teller ID Teller ID
Flds 4-20 Fields 4 – 20

Coding Requirements for Format 05

Transaction Information					Field Requirements			
					Field			
					1	2	3	
Tran Code	Transaction Code Description	D/C Code	Corr Code	New Acct Code	Inst Number	Branch Number	Teller ID	Flds 4-20
0920	Cash Status Inquiry	0	N	N	1	0	0	2

Format 06 Transaction and Field Descriptions

These lists provide information about the Format 06 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

The transaction amount field contains the starting or ending cash for signons and signoffs, the adjusting amount for buying and selling cash transactions, debit and credit correction transactions, cash overage transactions and cash shortage transactions.

The balancing transactions are 0300 through 0399 and are used by the teller to maintain cash position.

0301 – Starting Cash Updates teller's cash drawer with amount of beginning cash.

0351 – Ending Cash Cash amount in teller's cash drawer at the end of the processing day (PM).

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Wrp Bills	Wrapped bills
Thsd Bills	Thousand-dollar bills
Hun Bills	Hundred-dollar bills
Fifty Bills	Fifty-dollar bills
Twnty Bills	Twenty-dollar bills
Ten Bills	Ten-dollar bills
Five Bills	Five-dollar bills
Two Bills	Two-dollar bills
One Bills	One-dollar bills
Odd Bills	Odd bills
Rolled Coins	Rolled coins
Dollar Coins	Dollar coins
Half-dollar Coins	Half-dollar coins
Quarter Coins	Quarter coins
Dime Coins	Dime coins
Nickel Coins	Nickel coins
Penny Coins	Penny coins
Odd Coins	Odd coins
Flds 19-20	Fields 19 – 20

Coding Requirements for Format 06

Transaction Information					Field Requirements								
					Field								
					1	2	3	4	5	6	7	8	9
Tran Code	Tran Code Desc	D/C Cd	Corr Cd	New Acct Cd	Wrp Bills	Thsd Bills	Hun Bills	Fifty Bills	Twnty Bills	Ten Bills	Five Bills	Two Bills	One Bills
0301	Starting Cash	1	N	N	2	2	0	0	2	2	2	2	2
0351	Ending Cash	3	N	N	2	2	0	0	2	2	2	2	2

Field Requirements (cont'd)										
	10	11	12	13	14	15	16	17	18	
Tran Code	Odd Bills	Rolled Coins	Dollar Coins	Half-dollar Coins	Quarter Coins	Dime Coins	Nickel Coins	Penny Coins	Odd Coins	Flds 19-20
0301	2	2	2	0	2	2	2	2	0	0
0351	2	2	2	0	2	2	2	2	0	0

Format 07 Transaction and Field Descriptions

These lists provide information about the Format 07 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

The transaction amount field must be zero.

0970 – AM Log Record Lookup	Looks up Format 02 log records by teller ID.
0980 – Account AM Log Record Lookup	Looks up Format 02 log records by account number.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Inst Nbr	Institution number
Tlr ID	Teller ID
Dte	Date
Tme	Time
Ref Nbr	Reference number
Acct Inst Nbr	Account institution number
Ext Appl Cd	External application code
Acct Nbr	Account number
Flds 6-20	Fields 6 – 20
Flds 9-20	Fields 9 – 20

Coding Requirements for Format 07

Transaction Information					Field Requirements									
					Field									
					1	2	3	4	5	6	7	8		
Tran Cd	**Tran Cd Desc**	**D/C Cd**	**Corr Cd**	**New Acct Cd**	**Inst Nbr**	**Tlr ID**	**Dte**	**Tme**	**Ref Nbr**	**Acct Inst Nbr**	**Ext Appl Cd**	**Acct Nbr**	**Flds 6-20**	**Flds 9-20**
0970	AM Log Record Lkup	0	N	N	1	1	0	0	0	N/A	N/A	N/A	2	N/A
0980	Account AM Log Rec Lkup	0	N	N	2	2	0	0	0	1	1	1	N/A	2

Format 11 Transaction and Field Descriptions

These lists provide information about the Format 11 Matrix. The transaction descriptions are useful when you need further detail about a transaction within this format. The field descriptions define the abbreviated field names used within the matrix.

Transaction Descriptions

The transaction amount field must be zero.

0930 – Settlement Requests the settlement information.

Field Descriptions

The abbreviations used for each field and their definitions follow in the order they appear in the matrix:

Inst Nbr	Institution number
Branch Nbr	Branch number
Teller ID	Teller ID
Type Sw Code	Type switch code
Type	Accumulator type
AM PM Ind	Type of settlement record
Flds 7-20	Fields 7 – 20

Coding Requirements for Format 11

Transaction Information					Field Requirements						
					Field						
					1	2	3	4	5	6	
Tran Cd	**Tran Cd Desc**	**D/C Code**	**Corr Code**	**New Acct Code**	**Inst Nbr**	**Branch Nbr**	**Teller ID**	**Type Sw Code**	**Type**	**AM PM Ind**	**Flds 7-20**
0930	Settlement	0	N	N	1	0	0	0	0	1	2

Field Edit Error Conditions for Standard Message Format Matrixes

Error message codes AB7004 TR0013 are displayed if the following error conditions are detected during the editing of the message fields.

Field Requirement Codes ('field value')

0 Field is allowed, but not required
1 Field is required
2 Field is not allowed

Format 01

Field 01 If field value = 1 and Cash Drwr = 0

Field 04 If field value = 1 and Supv Tlr = 0

Field 05 If field value = 1 and Supv Pswrd Nbr = 0

Field 06 If field value = 1 and Alt Nbr = 0

Format 02

Field 01 If field value = 1 and Appl Acct = 0
If field value = 2 and Appl Acct not = 0

Field 02 If field value = 1 and Alt Appl Acct = 0
If field value = 2 and Alt Appl Acct not = 0

Field 04 If field value = 1 and Csh Amt = 0 and Corr Code = 0
If field value = 2 and Csh Amt not = 0

Field 05 If field value = 1 and Cash Back Amt = 0 and Corr Code = 0
If field value = 2 and Cash Back Amt not = 0

Field 06 If field value = 1 and Chk Amt = 0 and Corr Code = 0
If field value = 2 and Chk Amt not = 0

Field 07 If field value = 1 and Chk Ser Nbr = 0
If field value = 2 and Chk Ser Nbr not = 0
If Chk Ser Nbr not = 0 and Chk Amt = 0

Field 08 If field value = 1 and Hold Amt = 0 and Corr Code = 0
If field value = 2 and Hold Amt not = 0

Field 10 If field value = 1 and Fee Amt = 0 and Corr Code = 0
If field value = 2 and Fee Amt not = 0

Field 12 If field value = 2 and Psbk Bal not = 0

Field 17 If field value = 2 and Soc Sec Nbr not = 0
If field value = 1 and Soc Sec Nbr = 0

Field 21 If field value = 2 and Float not = 0
If field value = 1 and Float = 0

Field 22 If field value = 2 and Srce Input not = 0
If field value = 1 and Srce Input = 0

Field 23 If field value = 2 and Prin Amt not = 0
If field value = 1 and Prin Amt = 0

Field 24 If field value = 2 and Int Amt not = 0
If field value = 1 and Int Amt = 0

Field 25 If field value = 2 and Esc Amt not = 0
If field value = 1 and Esc Amt = 0

Field 26 If field value = 2 and Com Nbr not = 0
If field value = 1 and Com Nbr = 0

Field 27 If field value = 2 and Note Nbr not = 0
If field value = 1 and Note Nbr = 0

Field 28 If field value = 2 and Cls Fld not = 0
If field value = 1 and Cls Fld = 0

Field 29 If field value = 2 and Pay-By Code not = 0
If field value = 1 and Pay-By Code = 0

Field 30 If field value = 2 and Pay Off Code not = space
If field value = 1 and Pay Off Code = space

Field 31 If field value = 2 and Bond Owner not = spaces
If field value = 1 and Bond Owner = spaces

Field 32 If field value = 2 and Bond Index not = spaces
If field value = 1 and Bond Index = spaces

Field 33 If field value = 2 and Bond Addr1 not = spaces
If field value = 1 and Bond Addr1 = spaces

Field 34 If field value = 2 and Bond Addr2 not = spaces
If field value = 1 and Bond Addr2 = spaces

Field 35 If field value = 2 and Bond City not = spaces
If field value = 1 and Bond City = spaces

Field 36 If field value = 2 and Bond State not = spaces
If field value = 1 and Bond State = spaces

Field 37 If field value = 2 and Bond ZIP not = spaces
If field value = 1 and Bond ZIP = spaces

Field 38 If field value = 2 and Bond Co-owner not = spaces
If field value = 1 and Bond Co-owner = spaces

Field 39 If field value = 2 and Bond Deliver Code not = space
If field value = 1 and Bond Deliver Code = space

Field 40 If field value = 2 and Bond Conn. Type not = spaces
If field value = 1 and Bond Conn. Type = spaces

Field 41 If field value = 2 and Bond Nbr 50 not = 0
If field value = 1 and Bond Nbr 50 = 0

Field 42 If field value = 2 and Bond Nbr 75 not = 0
If field value = 1 and Bond Nbr 75 = 0

Field 43 If field value = 2 and Bond Nbr 100 not = 0
If field value = 1 and Bond Nbr 100 = 0

Field 44 If field value = 2 and Bond Nbr 200 not = 0
If field value = 1 and Bond Nbr 200 = 0

Field 45 If field value = 2 and Bond Nbr 500 not = 0
If field value = 1 and Bond Nbr 500 = 0

Field 46 If field value = 2 and Bond Nbr 1000 not = 0
If field value = 1 and Bond Nbr 1000 = 0

Field 47 If field value = 2 and Bond Nbr 5000 not = 0
If field value = 1 and Bond Nbr 5000 = 0

Field 48 If field value = 2 and Bond Nbr 10000 not = 0
If field value = 1 and Bond Nbr 10000 = 0

Format 03

Field 01 If field value = 1 and Inst Nbr = 0

Field 02 If field value = 1 and Tlr ID = 0

Field 03 If field value = 1 and Sec Lvl = 0

Field 04 If field value = 1 and Password = 0

Field 05 If field value = 1 and Name = spaces

Field 06 If field value = 1 and Min Csh = 0

Field 07 If field value = 1 and Max Csh = 0

Format 04

Field 01 If field value = 1 and Alt Inst Nbr = 0

Field 02 If field value = 1 and Alt Tlr ID = 0

Field 03 If field value = 1 and Mssg Pri = space

Field 04 If field value = 1 and Eff Date = 0

Field 05 If field value = 1 and Prge Date = 0

Field 06 If field value = 1 and Mssg Text = spaces

Format 05

Field 01 If field value = 1 and Inst Number = 0

Field 02 If field value = 1 and Branch Number = 0

Field 03 If field value = 1 and Teller ID = 0

Format 06 All fields are optional.

Format 07

Field 01 If field value = 1 and Inst Nbr = 0
If field value = 2 and Inst Nbr > 0

Field 02 If field value = 1 and Tlr ID = 0
If field value = 2 and Tlr ID > 0

Field 06 If field value = 1 and Acct Inst Nbr = 0
If field value = 2 and Acct Inst Nbr > 0

Field 07 If field value = 1 and Ext Appl Code = 0
If field value = 2 and Ext Appl Code > 0

Field 08 If field value = 1 and Acct Nbr = 0
If field value = 2 and Acct Nbr > 0

Format 11

Field 01 If field value = 1 and Inst Nbr = 0

Field 06 If field value = 1 and AM PM Ind = space

Chapter

4

Standard Responses

This chapter describes the standard format of the responses transmitted from Infopoint Transaction Gateway back to the terminal controller. This response is created by the Transaction Processing program (TLL200) and from the internal response format that the transaction processor program generated. Any other response format must be created by using a user modifiable host interface program such as TLL090.

Record Descriptions

This section contains detailed record layouts. All subsequent occurrences of that record refer to the original description. When two records have the same format but different names, both record names are given, referring to the record that contains the field descriptions. Occasionally, a single record is divided into multiple records, using a redefines clause. When this occurs, each redefinition is preceded by a record description, as if it were an independent record.

The records are listed in alphabetical order. The record descriptions are detailed by field. Each field is described by the following headings:

Field Name Actual COBOL name used in the record.

Level Level number of the field, as assigned in the COBOL record.

Mode Type of field defined. The following codes are used:

- **B** Binary data only. Refers to COMPUTATIONAL halfword (2-byte), fullword (4-byte) and doubleword (8-byte) fields. Fields can be signed or unsigned.
- **C** Character or alphanumeric data.
- **G** Group. Field represents a combination of fields immediately following it.
- **N** Numeric data only.
- **NS** Numeric data with sign.
- **P** Packed numeric data. Refers to unsigned COMPUTATIONAL-3 fields.
- **PS** Packed numeric data with sign. Refers to signed COMPUTATIONAL-3 fields.
- **R** Record. The first field in the record usually represents the entire record.

Picture COBOL format of the field indicating the field's content, length, whether it is signed or unsigned, and decimal position.

Displacement Starting and ending position of the field. The first position used is '1'. If the field is defined with an OCCURS clause, the displacement is represented in one of two ways. When the field has a mode of 'G', the displacement represents the total length of the field multiplied by the number of occurrences. For all other modes, the displacement represents the length of the first occurrence of the field. When a field has a variable length, a 'V' is placed in the second, or ending, position of the displacement.

TLSRSP-RECORD – Standard Response Record

The following record description shows the format of the Standard Response Record. The individual response record formats follow this description. The library name for this area is TLSSRSP. The size of this area varies, depending on the format. Only pertinent data is transmitted. No leading zeros, trailing blanks, or empty fields are transmitted.

Note: Standard Response Format 01 returns only the constant data area.

Field Name	Level	Mode	Picture	Displacement	
TLSRSP-RECORD Standard Response Record.	01	R		1	3232
TLSR-CONSTANT Response Constant Data. This area is constant for every response sent from Transaction Gateway.	03	G		1	82
TLSR-RETURN Return Code. Internal abort code.	05	N	9(04)	1	4
TLSR-TRACE Trace. Program trace number.	05	N	9(04)	5	8
TLSR-PROGRAM Program. Program name where abort occurs.	05	C	X(08)	9	16
TLSR-INTC Internal Code. Internal transaction code.	05	N	9(04)	17	20
TLSR-INST Institution Number. Institution number.	05	N	9(04)	21	24
TLSR-TLRNBR Teller ID.	05	C	X(08)	25	32
TLSR-REFNBR Transaction Reference Number. Number is assigned by the controller program or the Transaction Gateway application.	05	N	9(05)	33	37
TLSR-INFBYTER01 Response Information Byte 1. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Transaction rejected. Bit 3 – Institution number error. Bit 4 – Branch number error. Bit 5 – Terminal number error. Bit 6 – External transaction number error. Bit 7 – External application number error.	05	C	X(01)	38	38

Field Name	Level	Mode	Picture	Displacement	
TLSR-INFBYTER02	05	C	X(01)	39	39

Response Information Byte 2. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Resend flag.
- Bit 3 – Format error.
- Bit 4 – Transaction amount error.
- Bit 5 – Transaction serial number error.
- Bit 6 – System is down.
- Bit 7 – Message is waiting.

TLSR-INFBYTER03	05	C	X(01)	40	40

Response Information Byte 3. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Teller ID error.
- Bit 3 – Teller password error.
- Bit 4 – Teller status error.
- Bit 5 – Supervisor ID error.
- Bit 6 – Supervisor password error.
- Bit 7 – Supervisor status error.

TLSR-INFBYTER04	05	C	X(01)	41	41

Response Information Byte 4. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Cash drawer ID error.
- Bit 3 – Cash drawer status error.
- Bit 4 – Teller ID in cash drawer does not match teller ID of transaction.
- Bit 5 – Internal transaction code error.
- Bit 6 – Field(s) required or missing, field(s) not allowed are present, or fields in the wrong format.
- Bit 7 – Invalid/Non-matching correction.

TLSR-INFBYTER05	05	C	X(01)	42	42

Response Information Byte 5. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Invalid security.
- Bit 3 – Invalid starting cash.
- Bit 4 – Invalid ending cash.
- Bit 5 – Duplicate starting cash.
- Bit 6 – Teller ID 2.
- Bit 7 – Crossfoot error.

TLSR-INFBYTER06	05	C	X(01)	43	43

Response Information Byte 1. Each bit of this byte serves as an information switch as defined by the user. Valid entries are:

- Bit 2 – Reserved for future use.
- Bit 3 – Reserved for future use.
- Bit 4 – Reserved for future use.
- Bit 5 – Reserved for future use.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

Field Name	Level	Mode	Picture	Displacement	
TLSR-USERBYTER01	05	C	X(01)	44	44

User Response Information Byte 1. Each bit of this byte serves as an information switch as defined by the user. Valid entries are:

Bit 2 – User bit 001.
Bit 3 – User bit 002.
Bit 4 – User bit 003.
Bit 5 – User bit 004.
Bit 6 – User bit 005.
Bit 7 – User bit 006.

TLSR-USERBYTER02	05	C	X(01)	45	45

User Response Information Byte 1. Each bit of this byte serves as an information switch as defined by the user. Valid entries are:

Bit 2 – User bit 007.
Bit 3 – User bit 008.
Bit 4 – User bit 009.
Bit 5 – User bit 010.
Bit 6 – User bit 011.
Bit 7 – User bit 012.

TLSR-LASTKEY	05	C	X(35)	46	80

Last Key. Key for the last record processed by the Transaction Processor program.

TLSR-FORMAT	05	C	X(02)	81	82

Format Code. Format code for this record description. Valid entries are:

00 Constant Data Description Record.
01 Teller Signon/Signoff, buy and sell cash.
02 Customer Monetary records.
03 Teller Maintenance records.
04 Teller Message records.
05 Cash Inquiry records.
06 Balancing records.
07 Log Record Lookup records.
08 Stop Payment records.
09 Not-booked records.
10 Error Message records.
11 Settlement inquiry.

TLSR-DATA	03	C	X(3150)	83	3232

Data. Data area for response record.

TLSR-BYTE	03	C	X(01)	83	3232

REDEFINES TLSR-DATA. OCCURS 3150 TIMES. Variable-data Record Area. Single-position occurrences allow program TLL200 to address each position.

TLSR-DATA01 – Standard Response Data Format 01

Standard Response Data Format 01 is the customer monetary response format. This format is used to return items such as accepted deposits and withdrawals. The library name for this area is TLSSR01.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA01 Standard Response Data Format 01 Record.	01	R		1	50
TLSR-01BYTES Byte Area.	05	G		1	1
TLSR-01FLDBYTER01 First Field Byte returned in the data area of Format 01 responses.	07	C	X(01)	1	1
TLSR-01TLRCSHNBR Teller Cash Drawer ID.	05	C	X(08)	2	9
FILLER Delimiter character, always X'05'.	05	C	X(01)	10	10
TLSR-01TLRBRNBR Branch Number of Teller.	05	C	X(08)	11	18
FILLER Delimiter character, always X'05'.	05	C	X(01)	19	19
TLSR-01TLRSTAT Teller Status Code. Valid entries are: **b** Signed off. **D** Deactivated. **O** Signed on. **P** Purged (deleted). **T** Temporarily signed off.	05	C	X(01)	20	20
FILLER Delimiter character, always X'05'.	05	C	X(01)	21	21
TLSR-01CSHTLRNBR Cash Teller ID. ID of the teller who is attached to the cash drawer.	05	C	X(08)	22	29
FILLER Delimiter character, always X'05'.	05	C	X(01)	30	30

Field Name	Level	Mode	Picture	Displacement	
TLSR-01CSHSTAT	05	C	X(01)	31	31
Status Code. Valid entries are: **b** Not attached. **O** Attached to a teller who is signed on. **T** Attached to a teller who is temporarily signed off.					
FILLER	05	C	X(01)	32	32
Delimiter character, always X'05'.					
TLSR-01CSHDRAMT	05	N	S9(15)V99	33	49
Cash Drawer Amount. Amount of debit transactions.					
FILLER	05	C	X(01)	50	50
Delimiter character, always X'05'.					

TLSR-DATA02 – Standard Response Data Format 02

Standard Response Data Format 02 is the customer monetary response format. This format is used to return items such as accepted deposits and withdrawals. The library name for this area is TLSSR02.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA02 Standard Response Data Format 02 Record.	01	R		1	1256
TLSR-02BYTES Byte Area.	05	G		1	37
TLSR-02INFBYTER01 Response Information Byte 1 for Format 02. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Invalid PIN. Bit 3 – Insufficient funds. Bit 4 – Stops present. Bit 5 – Cautions present. Bit 6 – No posting allowed. Bit 7 – Do not post debit transactions.	07	C	X(01)	1	1
TLSR-02INFBYTER02 Response Information Byte 2 for Format 02. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – No account on record. Bit 3 – Account closed. Bit 4 – Error in passbook balance. Bit 5 – Teller force required. Bit 6 – Supervisor override required. Bit 7 – Employee account.	07	C	X(01)	2	2
TLSR-02INFBYTER03 Response Information Byte 3 for Format 02. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Dormant account. Bit 3 – Passbook account. Bit 4 – Passbook update. This transaction has been booked by the Transaction Gateway application. Bit 5 – Transaction correction. Bit 6 – Social security number in error. Bit 7 – Routing and transit number in error.	07	C	X(01)	3	3

Field Name	Level	Mode	Picture	Displacement	
TLSR-02INFBYTER04	07	C	X(01)	4	4

Response Information Byte 4 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:

Bit 2 – Transaction sequence number in error.
Bit 3 – Source of input in error.
Bit 4 – Account has transacted more than 10,000 dollars in cash during physical day.
Bit 5 – Future. Account has exceeded allowable limit for cashback.
Bit 6 – Future. Account has exceeded allowable limit for cashback.
Bit 7 – Future. Account has exceeded allowable debit transactions.

TLSR-02INFBYTER05	07	C	X(01)	5	5

Response Information Byte 5 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:

Bit 2 – Account rejected for Regulation CC exception.
Bit 3 – Master record was not available for authorization.
Bit 4 – Balances for commercial and installment loans cannot be accurate.
Bit 5 – Rejected for 134 Sort customer float days (1) inconsistent with the institution's policy.
Bit 6 – Rejected for 134 Sort bank float days (1) inconsistent with the institution's policy.
Bit 7 – Rejected for 134 Sort customer float days (2) inconsistent with the institution's policy.

TLSR-02INFBYTER06	07	C	X(01)	6	6

Response Information Byte 6 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:

Bit 2 – Rejected for 134 Sort bank float days (2) inconsistent with the institution's policy.
Bit 3 – Rejected for 134 Sort customer float days (3) inconsistent with the institution's policy.
Bit 4 – Rejected for 134 Sort bank float days (3) inconsistent with the institution's policy.
Bit 5 – Rejected for 134 Sort customer float days (4) inconsistent with the institution's policy.
Bit 6 – Rejected for 134 Sort bank float days (4) inconsistent with the institution's policy.
Bit 7 – Rejected for 134 Sort customer float days (5) inconsistent with the institution's policy.

TLSR-02INFBYTER07	07	C	X(01)	7	7

Response Information Byte 5 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:

Bit 2 – Rejected for 134 sort bank float days (5) inconsistent with the institution's policy.
Bit 3 – Account has excessive overdrafts.
Bit 4 – Account has excessive returns.
Bit 5 – Do not post credit transactions.
Bit 6 – Invalid internal application transaction code.
Bit 7 – Invalid pay-by code for installment loans.

TLSR-02INFBYTER08	07	C	X(01)	8	8

Response Information Byte 8 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:

Bit 2 – Invalid pay-off code for installment loans.
Bit 3 – Invalid effective date.
Bit 4 – Invalid participant transaction (commercial loans).
Bit 5 – Float information is required.

Field Name	Level	Mode	Picture	Displacement	

Bit 6 – Float days were changed.
Bit 7 – Rejection is based on from account.

TLSR-02INFBYTER09 07 C X(01) 9 9
Response Information Byte 9 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:
Bit 2 – Not-booked items exist on account.
Bit 3 – Not a passbook account.
Bit 4 – Duplicate account.
Bit 5 – Account already exists.
Bit 6 – Passbook balance is missing and is required.
Bit 7 – Passbook is not required.

TLSR-02INFBYTER10 07 C X(01) 10 10
Response Information Byte 10 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:
Bit 2 – EFAS Notice Indicator – print Regulation CC Notice.
Bit 3 – Invalid code for 134 item type 1.
Bit 4 – Invalid code for 134 item type 2.
Bit 5 – Invalid code for 134 item type 3.
Bit 6 – Invalid code for 134 item type 4.
Bit 7 – Invalid code for 134 item type 5.

TLSR-02INFBYTER11 07 C X(01) 11 11
Response Information Byte 11 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:
Bit 2 – Block posting indicator.
Bit 3 – Bond owner.
Bit 4 – Bond name index.
Bit 5 – Bond address 1.
Bit 6 – Bond address 2.
Bit 7 – Bond city.

TLSR-02INFBYTER12 07 C X(01) 12 12
Response Information Byte 12 for Format 02. Each bit of this byte serves as an information switch. Valid entries are:
Bit 2 – Bond state.
Bit 3 – Bond ZIP.
Bit 4 – Bond co-owner.
Bit 5 – Bond delivery code.
Bit 6 – Bond connective type.
Bit 7 – Bond 50 denomination.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02INFBYTER13	07	C	X(01)	13	13

Response Information Byte 13 for Format 02. Each bit of this byte serves as an information switch.
Valid entries are:

- Bit 2 – Bond 75 denomination.
- Bit 3 – Bond 100 denomination.
- Bit 4 – Bond 200 denomination.
- Bit 5 – Bond 500 denomination.
- Bit 6 – Bond 1000 denomination.
- Bit 7 – Bond 5000 denomination.

TLSR-02INFBYTER14	07	C	X(01)	14	14

Response Information Byte 14 for Format 02. Each bit of this byte serves as an information switch.
Valid entries are:

- Bit 2 – Bond 10000 denomination.
- Bit 3 – Bond total.
- Bit 4 – Bond update process.
- Bit 5 – During refresh.
- Bit 6 – After refresh.
- Bit 7 – To be refreshed.

TLSR-02INFBYTER15	07	C	X(01)	15	15

Response Information Byte 15 for Format 02. Each bit of this byte serves as an information switch.
Valid entries are:

- Bit 2 – Is refreshed.
- Bit 3 – Forced to PM.
- Bit 4 – Cross-banking error flag.
- Bit 5 – Reserved for future use.
- Bit 6 – Invalid backdate.
- Bit 7 – Backdated transaction has occurred.

TLSR-02INFBYTER16	07	C	X(01)	16	16

Response Information Byte 16 for Format 02. Each bit of this byte serves as an information switch.
Valid entries are:

- Bit 2 – Account could not be found for opening deposit.
- Bit 3 – Account could not be closed because holds exists.
- Bit 4 – Effective date exceeds backdating parameters.
- Bit 5 – Reserved for future use.
- Bit 6 – Reserved for future use.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02FLDBYTER01	07	C	X(01)	17	17

Response Fields Present Byte 1 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Available balance.
- Bit 3 – Current balance.
- Bit 4 – Closing balance.
- Bit 5 – Passbook balance.
- Bit 6 – Hold amount and days.
- Bit 7 – Float amount.

TLSR-02FLDBYTER02	07	C	X(01)	18	18

Response Fields Present Byte 2 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Credit limit.
- Bit 3 – Debit date.
- Bit 4 – Debit amount.
- Bit 5 – Credit date.
- Bit 6 – Credit amount.
- Bit 7 – Date of last online activity.

TLSR-02FLDBYTER03	07	C	X(01)	19	19

Response Fields Present Byte 3 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Open date.
- Bit 3 – Maturity date.
- Bit 4 – Interest date.
- Bit 5 – Interest amount.
- Bit 6 – Interest earned not paid.
- Bit 7 – Interest year-to-date.

TLSR-02FLDBYTER04	07	C	X(01)	20	20

Response Fields Present Byte 4 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Interest federal withhold estimate.
- Bit 3 – Interest federal withholding.
- Bit 4 – Interest penalty.
- Bit 5 – Interest rebate.
- Bit 6 – Interest rate.
- Bit 7 – Overdraft limit.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02FLDBYTER05	07	C	X(01)	21	21

Response Fields Present Byte 5 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Overdraft credit code.
- Bit 3 – Overdraft limit code.
- Bit 4 – Bank card application number.
- Bit 5 – Bank card account number.
- Bit 6 – DDA application number.
- Bit 7 – DDA account number.

TLSR-02FLDBYTER06	07	C	X(01)	22	22

Response Fields Present Byte 6 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Credit application number.
- Bit 3 – Credit account number.
- Bit 4 – Savings application number.
- Bit 5 – Savings account number.
- Bit 6 – Name portion of Customer record key.
- Bit 7 – Type breaker portion of Customer record key.

TLSR-02FLDBYTER07	07	C	X(01)	23	23

Response Fields Present Byte 7 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Signature index number.
- Bit 3 – Customer short name.
- Bit 4 – Account branch.
- Bit 5 – User area.
- Bit 6 – Special handling codes.
- Bit 7 – Account status.

TLSR-02FLDBYTER08	07	C	X(01)	24	24

Response Fields Present Byte 8 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – No post code.
- Bit 3 – Account type.
- Bit 4 – Account class.
- Bit 5 – Officer code.
- Bit 6 – Insufficient funds option.
- Bit 7 – Federal withholding date.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02FLDBYTER09	07	C	X(01)	25	25

Response Fields Present Byte 9 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Federal withholding amount.
- Bit 3 – Service charge date.
- Bit 4 – Service charge amount.
- Bit 5 – Checks outstanding.
- Bit 6 – Balance memo amount.
- Bit 7 – Interest federal tax withheld.

TLSR-02FLDBYTER10	07	C	X(01)	26	26

Response Fields Present Byte 10 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Regulation CC code.
- Bit 3 – Regulation CC risk code.
- Bit 4 – Regulation CC OD code.
- Bit 5 – Regulation CC OD days.
- Bit 6 – Regulation CC excess OD code.
- Bit 7 – Regulation CC excessive return code.

TLSR-02FLDBYTER11	07	C	X(01)	27	27

Response Fields Present Byte 11 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – 134 Sort C(ustomer) float 1.
- Bit 3 – EFAS C(ustomer) float 1.
- Bit 4 – 134 Sort B(ank) float 1.
- Bit 5 – EFAS B(ank) float 1.
- Bit 6 – 134 item type 1.
- Bit 7 – 134 Sort C(ustomer) float 2.

TLSR-02FLDBYTER12	07	C	X(01)	28	28

Response Fields Present Byte 12 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – EFAS C(ustomer) float 2.
- Bit 3 – 134 Sort B(ank) float 2.
- Bit 4 – EFAS B(ank) float 2.
- Bit 5 – 134 item type 2.
- Bit 6 – 134 Sort C(ustomer) float 3.
- Bit 7 – EFAS C(ustomer) float 3.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02FLDBYTER13	07	C	X(01)	29	29

Response Fields Present Byte 13 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – 134 Sort B(ank) float 3.
- Bit 3 – EFAS B(ank) float 3.
- Bit 4 – 134 item type 3 amount.
- Bit 5 – 134 Sort C(ustomer) float 4.
- Bit 6 – EFAS C(ustomer) float 4.
- Bit 7 – 134 Sort B(ank) float 4.

TLSR-02FLDBYTER14	07	C	X(01)	30	30

Response Fields Present Byte 14 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – EFAS B(ank) float 4.
- Bit 3 – 134 item type 4.
- Bit 4 – 134 Sort C(ustomer) float 5.
- Bit 5 – EFAS C(ustomer) float 5.
- Bit 6 – 134 Sort B(ank) float 5.
- Bit 7 – EFAS B(ank) float 5.

TLSR-02FLDBYTER15	07	C	X(01)	31	31

Response Fields Present Byte 15 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – 134 item type 5.
- Bit 3 – Loans principal amount.
- Bit 4 – Loans principal balance.
- Bit 5 – Loans principal due.
- Bit 6 – Loans principal billed not paid.
- Bit 7 – Loans interest amount.

TLSR-02FLDBYTER16	07	C	X(01)	32	32

Response Fields Present Byte 16 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Loans interest balance.
- Bit 3 – Loans interest due.
- Bit 4 – Loans interest billed not paid.
- Bit 5 – Loans escrow amount (mortgage loans).
- Bit 6 – Loans escrow balance (mortgage loans).
- Bit 7 – Loans escrow due (mortgage loans).

Field Name	Level	Mode	Picture	Displacement	
TLSR-02FLDBYTER17	07	C	X(01)	33	33

Response Fields Present Byte 17 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Loans escrow billed not paid (mortgage loans).
- Bit 3 – Loans late charge due.
- Bit 4 – Loans reserve due.
- Bit 5 – Loans simple insurance due.
- Bit 6 – Loans miscellaneous fee due.
- Bit 7 – Commitment number.

TLSR-02FLDBYTER18	07	C	X(01)	34	34

Response Fields Present Byte 18 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Note number.
- Bit 3 – Class field.
- Bit 4 – Pay-by code.
- Bit 5 – Pay-off code.
- Bit 6 – User area 1.
- Bit 7 – User area 2.

TLSR-02FLDBYTER19	07	C	X(01)	35	35

Response Fields Present Byte 19 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Alert field 1.
- Bit 3 – Alert field 2.
- Bit 4 – Alert field 3.
- Bit 5 – Alert field 4.
- Bit 6 – Alert field 5.
- Bit 7 – Alert field 6.

TLSR-02FLDBYTER20	07	C	X(01)	36	36

Response Fields Present Byte 20 for Format 02. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Priority code.
- Bit 3 – Effective date.
- Bit 4 – Purge date.
- Bit 5 – Message.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

TLSR-02FLDBYTER21	07	C	X(01)	37	37
TLSR-02AVAILBAL	05	N	S9(15)V99	38	54

Available Balance.

FILLER	05	C	X(01)	55	55

Delimiter character, always X'05'.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02CURBAL Current Balance.	05	N	S9(15)V99	56	72
FILLER Delimiter character, always X'05'.	05	C	X(01)	73	73
TLSR-02CLOSEBAL Closing Balance. Closing balance or payoff balance.	05	N	S9(15)V99	74	90
FILLER Delimiter character, always X'05'.	05	C	X(01)	91	91
TLSR-02BOOKBAL Passbook Balance.	05	N	S9(15)V99	92	108
FILLER Delimiter character, always X'05'.	05	C	X(01)	109	109
TLSR-02RHOLDS Hold Amount.	05	N	9(15)V99	110	126
FILLER Delimiter character, always X'05'.	05	C	X(01)	127	127
TLSR-02MFLOAT Float Amount. Float amount in whole dollars.	05	N	9(15)	128	142
FILLER Delimiter character, always X'05'.	05	C	X(01)	143	143
TLSR-02MLIMIT Credit Limit. Credit limit in whole dollars.	05	N	9(15)	144	158
FILLER Delimiter character, always X'05'.	05	C	X(01)	159	159
TLSR-02MDRDT Last Debit Transaction Date. Format is MMDDYYYY.	05	N	9(08)	160	167
FILLER Delimiter character, always X'05'.	05	C	X(01)	168	168
TLSR-02MDRAMT Last Debit Transaction Amount.	05	N	9(15)V99	169	185
FILLER Delimiter character, always X'05'.	05	C	X(01)	186	186

Field Name	Level	Mode	Picture	Displacement	
TLSR-02MCRDT	05	N	9(08)	187	194
Credit Date. Last credit transaction date. Format is MMDDYYYY.					
FILLER	05	C	X(01)	195	195
Delimiter character, always X'05'.					
TLSR-02MCRAMT	05	N	9(15)V99	196	212
Credit Amount. Last credit transaction amount.					
FILLER	05	C	X(01)	213	213
Delimiter character, always X'05'.					
TLSR-02MOLACTDT	05	N	9(08)	214	221
Online Transaction Date. Last online transaction date. Format is MMDDYYYY.					
FILLER	05	C	X(01)	222	222
Delimiter character, always X'05'.					
TLSR-02MOPNDT	05	N	9(08)	223	230
Account Open Date. Format is MMDDYYYY.					
FILLER	05	C	X(01)	231	231
Delimiter character, always X'05'.					
TLSR-02MMATRDT	05	N	9(08)	232	239
Account Maturity Date. Format is MMDDYYYY.					
FILLER	05	C	X(01)	240	240
Delimiter character, always X'05'.					
TLSR-02INTDT	05	N	9(08)	241	248
Interest Date. Last interest transaction date. Format is MMDDYYYY.					
FILLER	05	C	X(01)	249	249
Delimiter character, always X'05'.					
TLSR-02INTAMT	05	N	S9(15)V99	250	266
Interest Amount. Last interest transaction amount.					
FILLER	05	C	X(01)	267	267
Delimiter character, always X'05'.					
TLSR-02INTENP	05	N	S9(12)V9(05)	268	284
Interest Earned. Interest earned, not paid.					
FILLER	05	C	X(01)	285	285
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-02INTYTD Interest Year-to-date. Interest paid year to date.	05	N	S9(15)V99	286	302
FILLER Delimiter character, always X'05'.	05	C	X(01)	303	303
TLSR-02INTFWTEST Estimated Federal Withholding Tax.	05	N	S9(15)V99	304	320
FILLER Delimiter character, always X'05'.	05	C	X(01)	321	321
TLSR-02INTFWTHOLD Annual Federal Withholding Tax.	05	N	S9(15)V99	322	338
FILLER Delimiter character, always X'05'.	05	C	X(01)	339	339
TLSR-02INTPENLTY Interest Penalty. Interest penalty amount.	05	N	S9(15)V99	340	356
FILLER Delimiter character, always X'05'.	05	C	X(01)	357	357
TLSR-02INTREBATE Interest Rebate. Interest rebate amount.	05	N	S9(15)V99	358	374
FILLER Delimiter character, always X'05'.	05	C	X(01)	375	375
TLSR-02INTRATE Interest Rate.	05	N	V9(09)	376	384
FILLER Delimiter character, always X'05'.	05	C	X(01)	385	385
TLSR-02ODLIMIT Overdraft Limit. Overdraft limit in whole dollars.	05	N	9(15)	386	400
FILLER Delimiter character, always X'05'.	05	C	X(01)	401	401

Field Name	Level	Mode	Picture	Displacement	
TLSR-02ODCRCODE	05	C	X(01)	402	402

Overdraft Credit Code. Defines the source of funds for automatic transfers when overdrafts occur. Valid entries are:

- **B** Transfer from credit line first, then savings.
- **C** Transfer from credit card.
- **D** Deposit account.
- **L** Loan account.
- **M** Transfer from Master Card.
- **N** No overdraft credit.
- **S** Transfer from savings.
- **V** Transfer from Visa.
- **X** Transfer from savings first, then credit line.
- **Y** Transfer from loan account first, then deposit account.

Note: A space in this field is not allowed by Time Investment.

FILLER	05	C	X(01)	403	403

Delimiter character, always X'05'.

TLSR-02ODLCODE	05	C	X(01)	404	404

Overdraft Limit Code. Valid entries are:

- **A** Pay all overdrafts.
- **F** Pay to the limit calculated automatically for each overdraft.
- **L** Pay to set limit.
- **T** Pay to set limit specified in thousands of dollars.

FILLER	05	C	X(01)	405	405

Delimiter character, always X'05'.

TLSR-02MBKCAPPL	05	N	9(02)	406	407

Bank Card Application. User-defined bank card application number.

FILLER	05	C	X(01)	408	408

Delimiter character, always X'05'.

TLSR-02MBKCACCT	05	N	9(18)	409	426

Bank Card Account Number.

FILLER	05	C	X(01)	427	427

Delimiter character, always X'05'.

TLSR-02MDDAAPPL	05	N	9(02)	428	429

Alternate DDA Application Number.

FILLER	05	C	X(01)	430	430

Delimiter character, always X'05'.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02MDDAACCT Alternate DDA Account Number.	05	N	9(18)	431	448
FILLER Delimiter character, always X'05'.	05	C	X(01)	449	449
TLSR-02MCRAPPL Loan Application Number.	05	N	9(02)	450	451
FILLER Delimiter character, always X'05'.	05	C	X(01)	452	452
TLSR-02MCRACCT Loan Account Number.	05	N	9(18)	453	470
FILLER Delimiter character, always X'05'.	05	C	X(01)	471	471
TLSR-02MSVAPPL Savings Application Number.	05	N	9(02)	472	473
FILLER Delimiter character, always X'05'.	05	C	X(01)	474	474
TLSR-02MSVACCT Savings Account Number.	05	N	9(18)	475	492
FILLER Delimiter character, always X'05'.	05	C	X(01)	493	493
TLSR-02IFC1NA Customer's Name. First six characters of the customer's last name, first name initial, and middle name initial.	05	C	X(08)	494	501
FILLER Delimiter character, always X'05'.	05	C	X(01)	502	502
TLSR-02IFC1BRK Customer Key Tie Breaker. Differentiates between customers with the same name.	05	N	9(04)	503	506
FILLER Delimiter character, always X'05'.	05	C	X(01)	507	507
TLSR-02MSIGINDX Signature Card Index. Signature card index number.	05	N	9(09)	508	516

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	517	517
TLSR-02IFSHORT Short Name. Customer's short name.	05	C	X(15)	518	532
FILLER Delimiter character, always X'05'.	05	C	X(01)	533	533
TLSR-02MBRANCH Branch. Branch to which the account belongs.	05	N	9(05)	534	538
FILLER Delimiter character, always X'05'.	05	C	X(01)	539	539
TLSR-02USERAREA User Area.	05	C	X(15)	540	554
FILLER Delimiter character, always X'05'.	05	C	X(01)	555	555
TLSR-02MSPECCODES Special Handling Code. Twelve user-defined special handling codes.	05	C	X(12)	556	567
FILLER Delimiter character, always X'05'.	05	C	X(01)	568	568
TLSR-02MSTATUS Status. Account status.	05	C	X(01)	569	569
FILLER Delimiter character, always X'05'.	05	C	X(01)	570	570
TLSR-02MNOPOST No Post Code. Account no post code. Valid entries are: **~~b~~** or **N** Account is allowed to post all transactions. **A** Account is not allowed to post transactions. **B** Account is flagged to block all posting and no overrides are permitted except transactions authorized in the offline. (This does not exist in Time Investment.) **C** Account is not permitted to post any credit transaction. **D** Account is not permitted to post any debit transactions.	05	C	X(01)	571	571
FILLER Delimiter character, always X'05'.	05	C	X(01)	572	572

Field Name	Level	Mode	Picture	Displacement	
TLSR-02MTYPE Type. Account type.	05	N	9(03)	573	575
FILLER Delimiter character, always X'05'.	05	C	X(01)	576	576
TLSR-02MCLASS Class. Account class.	05	C	X(02)	577	578
FILLER Delimiter character, always X'05'.	05	C	X(01)	579	579
TLSR-02MOFFICER Officer. Account officer.	05	C	X(09)	580	588
FILLER Delimiter character, always X'05'.	05	C	X(01)	589	589
TLSR-02NSFOPT NSF Option. Valid entries are: **B** Use customers collected balance, using blank float. **C** Use collected balance. **L** Use ledger balance. **1 – 9** Use customers collected balance, using customer float. Add this number of days to incoming float. **Note:** There is no default value if this field is left blank.	05	C	X(01)	590	590
FILLER Delimiter character, always X'05'.	05	C	X(01)	591	591
TLSR-02FWTDT Federal Withholding Tax Date. Last federal withholding tax date. Format is MMDDYYYY.	05	N	9(08)	592	599
FILLER Delimiter character, always X'05'.	05	C	X(01)	600	600
TLSR-02FWTAMT Federal Withholding Tax Amount. Last federal withholding tax amount.	05	N	S9(15)V99	601	617
FILLER Always X'05'.	05	C	X(01)	618	618
TLSR-02SVCDT Service Charge Date. Last service charge date. Format is MMDDYYYY.	05	N	9(08)	619	626

Field Name	Level	Mode	Picture	Displacement	
FILLER	05	C	X(01)	627	627
Delimiter character, always X'05'.					
TLSR-02SVCAMT	05	N	S9(15)V99	628	644
Service Charge Amount. Last service charge amount.					
FILLER	05	C	X(01)	645	645
Delimiter character, always X'05'.					
TLSR-02RCKSOUT	05	N	S9(15)V99	646	662
Interest Checks Outstanding. Total dollar value of interest checks outstanding for Infopoint Time Investment.					
FILLER	05	C	X(01)	663	663
Delimiter character, always X'05'.					
TLSR-02BALMEMO	05	N	S9(15)V99	664	680
Balance Memo. Memo balance field from Deposit Master Record.					
FILLER	05	C	X(01)	681	681
Delimiter character, always X'05'.					
TLSR-02FWTHELD	05	N	S9(15)V99	682	698
Federal Withholding Tax Withheld. Total dollar value of federal withholding tax held.					
FILLER	05	C	X(01)	699	699
Delimiter character, always X'05'.					
TLSR-02REGCCCODE	05	C	X(01)	700	700
Regulation CC Code. Indicates if the account is subject to Regulation CC. Valid entries are: **N** Account is not subject to Regulation CC. **Y** Account is subject to Regulation CC.					
FILLER	05	C	X(01)	701	701
Delimiter character, always X'05'.					
TLSR-02REGCCRISKCODE	05	C	X(01)	702	702
Regulation CC High Risk Code. Indicates if the account is a high-risk account. Valid entries are: **H** High-risk account. **N** Account is not considered a high-risk account. **O** Account has been opened less than the MICM Regulation CC days.					
FILLER	05	C	X(01)	703	703
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-02REGCCODCODE	05	C	X(01)	704	704

Regulation CC Overdraft Code. Indicates the balance to use when determining if Regulation CC counters are to be incremented. Valid entries are:

- **B** Use ledger balance minus holds minus bank float.
- **C** Use ledger balance minus holds minus customer float.
- **L** Use ledger balance minus holds.

FILLER	05	C	X(01)	705	705

Delimiter character, always X'05'.

TLSR-02REGCCODDAYS	05	N	9(03)	706	708

Regulation CC Overdraft Days. Counter that represents the number of days an account has been considered over drafted for Regulation CC purposes.

FILLER	05	C	X(01)	709	709

Delimiter character, always X'05'.

TLSR-02REGCCEXCESSOD	05	C	X(01)	710	710

Regulation CC Excessive Overdrafts. Indicates if the account should be rejected for excessive overdrafts. Valid entries are:

- **N** Account is not subject to Regulation CC for excessive overdrafts.
- **Y** Account has excessive overdrafts and is subject to Regulation CC.

FILLER	05	C	X(01)	711	711

Delimiter character, always X'05'.

TLSR-02REGCCEXCESSRTN	05	C	X(01)	712	712

Regulation CC Excessive Returns. Indicates if the account should be rejected for excessive returns. Valid entries are:

- **N** Account is not subject to Regulation CC for excessive returns.
- **Y** Account has excessive returns and is subject to Regulation CC.

FILLER	05	C	X(01)	713	713

Delimiter character, always X'05'.

TLSR-02134SORTCFLT1	05	N	9(02)	714	715

Sort Customer Float Days. Number of customer float days sent in message.

FILLER	05	C	X(01)	716	716

Delimiter character, always X'05'.

TLSR-02EFACFLT1	05	N	9(02)	717	718

EFAS Customer Float Days. Number of customer float days as determined by EFAS.

FILLER	05	C	X(01)	719	719

Delimiter character, always X'05'.

Field Name	Level	Mode	Picture	Displacement	
TLSR-02134SORTBFLT1	05	N	9(02)	720	721
Sort Bank Float Days. Number of bank float days requested in message.					
FILLER	05	C	X(01)	722	722
Delimiter character, always X'05'.					
TLSR-02EFABFLT1	05	N	9(02)	723	724
EFAS Bank Float Days. Number of bank float days as determined by EFAS.					
FILLER	05	C	X(01)	725	725
Delimiter character, always X'05'.					
TLSR-02134ITEMTYPE1	05	N	9(02)	726	727
Float Item Type. See TLSM-02134ITEMTYPE1 for valid entries.					
FILLER	05	C	X(01)	728	728
Delimiter character, always X'05'.					
TLSR-02134SORTCFLT2	05	N	9(02)	729	730
Sort Customer Float Days. Number of customer float days sent in message.					
FILLER	05	C	X(01)	731	731
Delimiter character, always X'05'.					
TLSR-02EFACFLT2	05	N	9(02)	732	733
EFAS Customer Float Days. Number of customer float days as determined by EFAS.					
FILLER	05	C	X(01)	734	734
Delimiter character, always X'05'.					
TLSR-02134SORTBFLT2	05	N	9(02)	735	736
Sort Bank Float Days. Number of bank float days requested in message.					
FILLER	05	C	X(01)	737	737
Delimiter character, always X'05'.					
TLSR-02EFABFLT2	05	N	9(02)	738	739
EFAS Bank Float Days. Number of bank float days as determined by EFAS.					
FILLER	05	C	X(01)	740	740
Delimiter character, always X'05'.					
TLSR-02134ITEMTYPE2	05	N	9(02)	741	742
Float Item Type. See TLSM-02134ITEMTYPE1 for valid codes.					
FILLER	05	C	X(01)	743	743
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-02134SORTCFLT3	05	N	9(02)	744	745
Sort Customer Float Days. Number of customer float days sent in message.					
FILLER	05	C	X(01)	746	746
Delimiter character, always X'05'.					
TLSR-02EFACFLT3	05	N	9(02)	747	748
EFAS Customer Float Days. Number of customer float days as determined by EFAS.					
FILLER	05	C	X(01)	749	749
Delimiter character, always X'05'.					
TLSR-02134SORTBFLT3	05	N	9(02)	750	751
Sort Bank Float Days. Number of bank float days requested in message.					
FILLER	05	C	X(01)	752	752
Delimiter character, always X'05'.					
TLSR-02EFABFLT3	05	N	9(02)	753	754
EFAS Bank Float Days. Number of bank float days as determined by EFAS.					
FILLER	05	C	X(01)	755	755
Delimiter character, always X'05'.					
TLSR-02134ITEMTYPE3	05	N	9(02)	756	757
Float Item Type. See TLSM-02134ITEMTYPE1 for valid codes.					
FILLER	05	C	X(01)	758	758
Delimiter character, always X'05'.					
TLSR-02134SORTCFLT4	05	N	9(02)	759	760
Sort Customer Float Days. Number of customer float days sent in message.					
FILLER	05	C	X(01)	761	761
Delimiter character, always X'05'.					
TLSR-02EFACFLT4	05	N	9(02)	762	763
EFAS Customer Float Days. Number of customer float days as determined by EFAS.					
FILLER	05	C	X(01)	764	764
Delimiter character, always X'05'.					
TLSR-02134SORTBFLT4	05	N	9(02)	765	766
Sort Bank Float Days. Number of bank float days requested in message.					
FILLER	05	C	X(01)	767	767
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-02EFABFLT4	05	N	9(02)	768	769
EFAS Bank Float Days. Number of bank float days as determined by EFAS.					
FILLER	05	C	X(01)	770	770
Delimiter character, always X'05'.					
TLSR-02134ITEMTYPE4	05	N	9(02)	771	772
Float Item Type. See TLSM-02134ITEMTYPE1 for valid codes.					
FILLER	05	C	X(01)	773	773
Delimiter character, always X'05'.					
TLSR-02134SORTCFLT5	05	N	9(02)	774	775
Sort Customer Float Days. Number of customer float days sent in message.					
FILLER	05	C	X(01)	776	776
Delimiter character, always X'05'.					
TLSR-02EFACFLT5	05	N	9(02)	777	778
EFAS Customer Float Days. Number of customer float days as determined by EFAS.					
FILLER	05	C	X(01)	779	779
Delimiter character, always X'05'.					
TLSR-02134SORTBFLT5	05	N	9(02)	780	781
Sort Bank Float Days. Number of bank float days requested in message.					
FILLER	05	C	X(01)	782	782
Delimiter character, always X'05'.					
TLSR-02EFABFLT5	05	N	9(02)	783	784
EFAS Bank Float Days. Number of bank float days as determined by EFAS.					
FILLER	05	C	X(01)	785	785
Delimiter character, always X'05'.					
TLSR-02134ITEMTYPE5	05	N	9(02)	786	787
Float Item Type. See TLSM-02134ITEMTYPE1 for valid codes.					
FILLER	05	C	X(01)	788	788
Delimiter character, always X'05'.					
TLSR-02LPRINAMT	05	N	9(15)V99	789	805
Principal Amount. Principal amount of the transaction.					
FILLER	05	C	X(01)	806	806
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-02LPRINBAL Principal Balance.	05	NS	S9(15)V99	807	823
FILLER Delimiter character, always X'05'.	05	C	X(01)	824	824
TLSR-02LPRINDUE Principal Due. Principal amount due.	05	NS	S9(15)V99	825	841
FILLER Delimiter character, always X'05'.	05	C	X(01)	842	842
TLSR-02LPRINBILLNPD Principal Billed Not Paid. Amount of the principal billed, not paid.	05	NS	S9(15)V99	843	859
FILLER Delimiter character, always X'05'.	05	C	X(01)	860	860
TLSR-02LINTAMT Interest Amount. Interest amount of the transaction.	05	N	9(15)V99	861	877
FILLER Delimiter character, always X'05'.	05	C	X(01)	878	878
TLSR-02LINTBAL Interest Balance.	05	N	S9(15)V99	879	895
FILLER Delimiter character, always X'05'.	05	C	X(01)	896	896
TLSR-02LINTDUE Interest Due. Interest amount due.	05	N	S9(15)V99	897	913
FILLER Delimiter character, always X'05'.	05	C	X(01)	914	914
TLSR-02LINTBILLNPD Interest Billed Not Paid. Amount of the interest billed, not paid.	05	N	S9(15)V99	915	931
FILLER Delimiter character, always X'05'.	05	C	X(01)	932	932
TLSR-02LESCROWAMT Escrow Amount. Escrow amount of the transaction.	05	N	9(15)V99	933	949
FILLER Delimiter character, always X'05'.	05	C	X(01)	950	950

Field Name	Level	Mode	Picture	Displacement	
TLSR-02LESCROWBAL Escrow Balance.	05	N	9(15)V99	951	967
FILLER Delimiter character, always X'05'.	05	C	X(01)	968	968
TLSR-02LESCROWDUE Escrow Amount Due.	05	N	9(15)V99	969	985
FILLER Delimiter character, always X'05'.	05	C	X(01)	986	986
TLSR-02LESCROWBILLNPD Escrow Billed Not Paid. Amount of the escrow billed, not paid.	05	N	9(15)V99	987	1003
FILLER Delimiter character, always X'05'.	05	C	X(01)	1004	1004
TLSR-02LLATECHGDUE Late Charge Due. Amount of late charge due.	05	N	S9(15)V99	1005	1021
FILLER Delimiter character, always X'05'.	05	C	X(01)	1022	1022
TLSR-02LRESERVEDUE Reserve Due.	05	N	S9(15)V99	1023	1039
FILLER Delimiter character, always X'05'.	05	C	X(01)	1040	1040
TLSR-02LSIMPINSDUE Simple Insurance Due. Simple insurance amount due.	05	N	S9(15)V99	1041	1057
FILLER Delimiter character, always X'05'.	05	C	X(01)	1058	1058
TLSR-02LMISCFEESDUE Miscellaneous Fees Due.	05	N	S9(15)V99	1059	1075
FILLER Delimiter character, always X'05'.	05	C	X(01)	1076	1076
TLSR-02RCOMMITNBR Commitment Number.	05	N	9(18)	1077	1094
FILLER Delimiter character, always X'05'.	05	C	X(01)	1095	1095

Field Name	Level	Mode	Picture	Displacement	
TLSR-02RNOTENBR Note Number.	05	N	9(18)	1096	1113
FILLER Delimiter character, always X'05'.	05	C	X(01)	1114	1114
TLSR-02RCLASSFIELD Class Code Field.	05	N	9(03)	1115	1117
FILLER Delimiter character, always X'05'.	05	C	X(01)	1118	1118
TLSR-02RPAYBYCDE Pay-by Code.	05	N	9(02)	1119	1120
FILLER Delimiter character, always X'05'.	05	C	X(01)	1121	1121
TLSR-02RPAYOFFCDE Pay-off Code.	05	C	X(01)	1122	1122
FILLER Delimiter character, always X'05'.	05	C	X(01)	1123	1123
TLSR-02USERAREA1 User Area 1. User-defined.	05	C	X(18)	1124	1141
FILLER Delimiter character, always X'05'.	05	C	X(01)	1142	1142
TLSR-02USERAREA2 User Area 2. User-defined.	05	C	X(18)	1143	1160
FILLER Delimiter character, always X'05'.	05	C	X(01)	1161	1161
TLSR-02ALERT1 Alert Code 1.	05	C	X(03)	1162	1164
FILLER Delimiter character, always X'05'.	05	C	X(01)	1165	1165
TLSR-02ALERT2 Alert Code 2.	05	C	X(03)	1166	1168
FILLER Delimiter character, always X'05'.	05	C	X(01)	1169	1169

Field Name	Level	Mode	Picture	Displacement	
TLSR-02ALERT3 Alert Code 3.	05	C	X(03)	1170	1172
FILLER Delimiter character, always X'05'.	05	C	X(01)	1173	1173
TLSR-02ALERT4 Alert Code 4.	05	C	X(03)	1174	1176
FILLER Delimiter character, always X'05'.	05	C	X(01)	1177	1177
TLSR-02ALERT5 Alert Code 5.	05	C	X(03)	1178	1180
FILLER Delimiter character, always X'05'.	05	C	X(01)	1181	1181
TLSR-02ALERT6 Alert Code 6.	05	C	X(03)	1182	1184
FILLER Delimiter character, always X'05'.	05	C	X(01)	1185	1185
TLSR-02PRTY Priority of Message. Must be 7 or greater.	05	C	X(01)	1186	1186
FILLER Delimiter character, always X'05'.	05	C	X(01)	1187	1187
TLSR-02EFFDT Effective Date of Message. Format is MMDDYYYY.	05	N	9(08)	1188	1195
FILLER Delimiter character, always X'05'.	05	C	X(01)	1196	1196
TLSR-02PRGDT Purge Date of Message. Format is MMDDYYYY.	05	N	9(08)	1197	1204
FILLER Delimiter character, always X'05'.	05	C	X(01)	1205	1205
TLSR-02ALERTMSG Alert Message.	05	C	X(30)	1206	1235
FILLER Delimiter character, always X'05'.	05	C	X(01)	1236	1236

Field Name	Level	Mode	Picture	Displacement	
TLSR-02DBCRDAMT	05	P	S9(15)V99	1237	1245
FILLER	05	C	X(01)	1246	1246
TLSR-02DBCRDAUT	05	P	S9(15)V99	1247	1255
FILLER	05	C	X(01)	1256	1256

TLSR-DATA03 – Standard Response Data Format 03

Standard Response Format 03 is used to respond to Transaction Gateway maintenance transactions. The library name for this area is TLSSR03.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA03 Standard Response Data Format 03 Record.	01	R		1	155
TLSR-03BYTES Byte Area.	05	G		1	5
TLSR-03INFBYTER01 Response Information Byte 1 for Format 03. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Invalid institution number. Bit 3 – Invalid teller ID. Bit 4 – Invalid teller name. Bit 5 – Invalid minimum cash. Bit 6 – Invalid maximum cash. Bit 7 – Invalid teller password.	07	C	X(01)	1	1
TLSR-03INFBYTER02 Response Information Byte 2 for Format 03. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Invalid teller security. Bit 3 – Invalid teller test code. Bit 4 – Invalid teller ATM code. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.	07	C	X(01)	2	2
TLSR-03FLDBYTER01 Message Fields Present Byte 1 for Format 03. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Institution number. Bit 3 – Teller ID. Bit 4 – Status. Bit 5 – Branch number. Bit 6 – Cash drawer. Bit 7 – Reference number.	07	C	X(01)	3	3

Field Name	Level	Mode	Picture	Displacement	
TLSR-03FLDBYTER02	07	C	X(01)	4	4

Message Fields Present Byte 2 for Format 03. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Terminal identification.
- Bit 3 – Security.
- Bit 4 – Password.
- Bit 5 – Name.
- Bit 6 – Minimum cash.
- Bit 7 – Maximum cash.

TLSR-03FLDBYTER03	07	C	X(01)	5	5

Message Fields Present Byte 3 for Format 03. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Add date.
- Bit 3 – Delete date.
- Bit 4 – Message code.
- Bit 5 – Test code.
- Bit 6 – ATM code.
- Bit 7 – Last signon date.

TLSR-03INST	05	N	9(04)	6	9

Institution Number. Institution number for new or changed teller.

FILLER	05	C	X(01)	10	10

Delimiter character, always X'05'.

TLSR-03TLRNBR	05	C	X(08)	11	18

Teller ID. Teller ID for new or changed teller.

FILLER	05	C	X(01)	19	19

Delimiter character, always X'05'.

TLSR-03STATUS	05	C	X(01)	20	20

Status. Teller status.

FILLER	05	C	X(01)	21	21

Delimiter character, always X'05'.

TLSR-03BRNBR	05	N	9(05)	22	26

Branch Number. Branch where teller is currently signed on.

FILLER	05	C	X(01)	27	27

Delimiter character, always X'05'.

TLSR-03CSHNBR	05	C	X(08)	28	35

Cash Drawer ID. Cash drawer where teller is currently signed on.

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	36	36
TLSR-03REFNBR Reference Number. Reference number on Teller Record.	05	N	9(05)	37	41
FILLER Delimiter character, always X'05'.	05	C	X(01)	42	42
TLSR-03TERMID Terminal ID. Terminal where teller is currently signed on.	05	C	X(04)	43	46
FILLER Delimiter character, always X'05'.	05	C	X(01)	47	47
TLSR-03SECURITY Security Code. Security code for new or changed teller.	05	C	X(01)	48	48
FILLER Delimiter character, always X'05'.	05	C	X(01)	49	49
TLSR-03PASSWORD Password. Password for new or changed teller.	05	C	X(08)	50	57
FILLER Delimiter character, always X'05'.	05	C	X(01)	58	58
TLSR-03NAME Name. Name for new or changed teller.	05	C	X(40)	59	98
FILLER Delimiter character, always X'05'.	05	C	X(01)	99	99
TLSR-03MINCSH Minimum Cash. Minimum cash for new or changed teller.	05	N	9(15)	100	114
FILLER Delimiter character, always X'05'.	05	C	X(01)	115	115
TLSR-03MAXCSH Maximum Cash. Maximum cash for new or changed teller.	05	N	9(15)	116	130
FILLER Delimiter character, always X'05'.	05	C	X(01)	131	131
TLSR-03ADDDATE Add Date. Date teller was added to record. Format is MMDDYYYY.	05	N	9(08)	132	139

Field Name	Level	Mode	Picture	Displacement	
FILLER	05	C	X(01)	140	140
Delimiter character, always X'05'.					
TLSR-03DELDATE	05	N	9(08)	141	148
Deletion Date. Date teller was coded for deletion from record. Format is MMDDYYYY.					
FILLER	05	C	X(01)	149	149
Delimiter character, always X'05'.					
TLSR-03MSGCODE	05	C	X(01)	150	150
Message Code. Message code for any outstanding messages.					
FILLER	05	C	X(01)	151	151
Delimiter character, always X'05'.					
TLSR-03TESTCD	05	C	X(01)	152	152
Test Code. Reserved for future use. Valid entries are:					
b or **N** Teller is not in test mode.					
Y Teller is in test mode. Do not update any permanent files.					
FILLER	05	C	X(01)	153	153
Delimiter character, always X'05'.					
TLSR-03ATMCD	05	C	X(01)	154	154
ATM Code. Valid entries are:					
b or **N** Teller ID is not for an ATM.					
Y Teller ID is for an ATM.					
FILLER	05	C	X(01)	155	155
Delimiter character, always X'05'.					

TLSR-DATA04 – Standard Response Data Format 04

Standard Response Format 04 is used to return alert messages. The library name for this area is TLSSR04.

Note: As many as five alert messages can be returned with one response.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA04 Standard Response Data Format 04 Record.	01	R		1	328
TLSR-04BYTES Byte Area.	05	G		1	3
TLSR-04INFBYTER01 Response Information Byte 1 for Format 04. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Invalid alternate institution number. Bit 3 – Invalid alternate teller ID. Bit 4 – Invalid message priority. Bit 5 – Invalid message effective date. Bit 6 – Invalid message purge date. Bit 7 – Invalid message text.	07	C	X(01)	1	1
TLSR-04MSGCOUNT Message Count. Number of messages in the data portion of this response.	07	N	9(02)	2	3
TLSR-MESSAGES OCCURS 5 TIMES. Message Data.	05	G		4	328
TLSR-04ALTINST Alternate Institution Number. Alternate institution number where message originated.	07	N	9(04)	4	7
FILLER Delimiter character, always X'05'.	07	C	X(01)	8	8
TLSR-04ALTLRNBR Alternate Teller ID. ID of the alternate teller who originated the message.	07	C	X(08)	9	16
FILLER Delimiter character, always X'05'.	07	C	X(01)	17	17
TLSR-04MSGPRTY Message Priority. Priority for this teller message.	07	C	X(01)	18	18
FILLER Delimiter character, always X'05'.	07	C	X(01)	19	19
TLSR-04EFFDTE Effective Date. Effective date for this teller message. Format is MMDDYYYY.	07	N	9(08)	20	27

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	07	C	X(01)	28	28
TLSR-04PRGDTE Purge Date. Purge date for this teller message. Format is MMDDYYYY.	07	N	9(08)	29	36
FILLER Delimiter character, always X'05'.	07	C	X(01)	37	37
TLSR-04TLRMSG Teller Message. Message text.	07	C	X(30)	38	67
FILLER Delimiter character, always X'05'.	07	C	X(01)	68	68

TLSR-DATA05 – Standard Response Data Format 05

Standard Response Format 05 is used for cash status inquires. Total records are returned for cash status inquires requested by institution or branch. The library name for this area is TLSSR05.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA05	01	R		1	126
Standard Response Data Format 05 Record.					
TLSR-05BYTES	05	G		1	3
Byte Area.					
TLSR-05INFBYTER01	07	C	X(01)	1	1
Information Byte 1 for Format 05. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Invalid institution number. Bit 3 – Invalid branch number. Bit 4 – Invalid teller ID. Bit 5 – Invalid terminal number. Bit 6 – Invalid cash drawer ID. Bit 7 – Invalid in cash.					
TLSR-05FLDBYTER01	07	C	X(01)	2	2
Response Fields Present Byte 1 for Format 05. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Institution number. Bit 3 – Branch number. Bit 4 – Teller ID. Bit 5 – Terminal number. Bit 6 – Cash drawer ID. Bit 7 – Starting cash.					
TLSR-05FLDBYTER02	07	C	X(01)	3	3
Response Fields Present Byte 2 for Format 05. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Number of input cash transactions. Bit 3 – Amount of input cash transactions. Bit 4 – Number of output cash transactions. Bit 5 – Amount of output cash transactions. Bit 6 – Net cash amount. Bit 7 – Reserved for future use.					
TLSR-RECTYPE	05	C	X(01)	4	4
Record Type. Type of record. Valid entries are: **C** Cash record. **T** Total record.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-05INST	05	N	9(04)	5	8
Institution Number. Institution number for this cash inquiry.					
FILLER	05	C	X(01)	9	9
Delimiter character, always X'05'.					
TLSR-05BRNBR	05	N	9(05)	10	14
Branch Number. Branch number for this cash inquiry.					
FILLER	05	C	X(01)	15	15
Delimiter character, always X'05'.					
TLSR-05TLRNBR	05	C	X(08)	16	23
Teller ID. Teller ID for this cash inquiry.					
FILLER	05	C	X(01)	24	24
Delimiter character, always X'05'.					
TLSR-05TERM	05	C	X(04)	25	28
Terminal Number. Terminal number for this teller.					
FILLER	05	C	X(01)	29	29
Delimiter character, always X'05'.					
TLSR-05CDRWR	05	C	X(08)	30	37
Cash Drawer ID. Cash drawer for this teller.					
FILLER	05	C	X(01)	38	38
Delimiter character, always X'05'.					
TLSR-05STCSH	05	N	9(15)V99	39	55
Starting Cash. Starting cash for this teller.					
FILLER	05	C	X(01)	56	56
Delimiter character, always X'05'.					
TLSR-05INNBR	05	N	9(07)	57	63
Input Number. Number of input (deposit) cash transactions handled by this teller.					
FILLER	05	C	X(01)	64	64
Delimiter character, always X'05'.					
TLSR-05INAMT	05	N	9(15)V99	65	81
Input Amount. Amount of input (deposit) cash transactions handled by this teller.					
FILLER	05	C	X(01)	82	82
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-05OUTNBR	05	N	9(07)	83	89
Output Number. Number of output (withdrawals) cash transactions handled by this teller.					
FILLER	05	C	X(01)	90	90
Delimiter character, always X'05'.					
TLSR-05OUTAMT	05	N	9(15)V99	91	107
Output Amount. Amount of output (withdrawals) cash transactions handled by this teller.					
FILLER	05	C	X(01)	108	108
Delimiter character, always X'05'.					
TLSR-05NETCSH	05	NS	S9(15)V99	109	125
Net Cash. Net amount of cash handled by this teller.					
FILLER	05	C	X(01)	126	126
Delimiter character, always X'05'.					

TLSR-DATA06 – Standard Response Data Format 06

Standard Response Format 06 is used to respond to cash balancing transactions. This format responds with the dollar value for each denomination, its calculated total and cash drawer net amount, and the total of the over/short difference between them. The library name for this area is TLSSR06.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA06	01	R		1	366
Standard Response Data Format 06 Record.					
TLSR-06BYTES	05	G		1	8
Byte Area.					
TLSR-06INFBYTER01	07	C	X(01)	1	1
Information Byte 1 for Format 06. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Error in wrapped bills field. Bit 3 – Error in thousand-dollar bills field. Bit 4 – Error in hundred-dollar bills field. Bit 5 – Error in fifty-dollar bills field. Bit 6 – Error in twenty-dollar bills field. Bit 7 – Error in ten-dollar bills field.					
TLSR-06INFBYTER02	07	C	X(01)	2	2
Information Byte 2 for Format 06. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Error in five-dollar bills field. Bit 3 – Error in two-dollar bills field. Bit 4 – Error in one-dollar bills field. Bit 5 – Error in odd bills field. Bit 6 – Error in rolled coins field. Bit 7 – Error in dollar coins field.					
TLSR-06INFBYTER03	07	C	X(01)	3	3
Information Byte 3 for Format 06. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Error in half-dollars field. Bit 3 – Error in quarters field. Bit 4 – Error in dimes field. Bit 5 – Error in nickels field. Bit 6 – Error in pennies field. Bit 7 – Error in odd coins field.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-06INFBYTER04	07	C	X(01)	4	4

Information Byte 4 for Format 06. Each bit of this byte serves as an information switch. Valid entries are:

- Bit 2 – Error in counted cash field.
- Bit 3 – Reserved for future use.
- Bit 4 – Reserved for future use.
- Bit 5 – Reserved for future use.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

TLSR-06FLDBYTER01	07	C	X(01)	5	5

Response Fields Present Byte 1 for Format 06. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Wrapped bills.
- Bit 3 – Thousand-dollar bills.
- Bit 4 – Hundred-dollar bills.
- Bit 5 – Fifty-dollar bills.
- Bit 6 – Twenty-dollar bills.
- Bit 7 – Ten-dollar bills.

TLSR-06FLDBYTER02	07	C	X(01)	6	6

Response Fields Present Byte 2 for Format 06. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Five-dollar bills.
- Bit 3 – Two-dollar bills.
- Bit 4 – One-dollar bills.
- Bit 5 – Odd bills.
- Bit 6 – Rolled coins.
- Bit 7 – Dollar coins.

TLSR-06FLDBYTER03	07	C	X(01)	7	7

Response Fields Present Byte 3 for Format 06. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Half-dollar coins.
- Bit 3 – Quarter coins.
- Bit 4 – Dime coins.
- Bit 5 – Nickel coins.
- Bit 6 – Penny coins.
- Bit 7 – Odd coins.

Field Name	Level	Mode	Picture	Displacement	
TLSR-06FLDBYTER04	07	C	X(01)	8	8
Response Fields Present Byte 4 for Format 06. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Counted cash. Bit 3 – Calculated cash. Bit 4 – Overage/shortage. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.					
TLSR-06BWRBILLS	05	N	9(15)	9	23
Wrapped Bills.					
FILLER	05	C	X(01)	24	24
Delimiter character, always X'05'.					
TLSR-06BTHOUS	05	N	9(15)	25	39
Thousand-dollar Bills.					
FILLER	05	C	X(01)	40	40
Delimiter character, always X'05'.					
TLSR-06BHUNDS	05	N	9(15)	41	55
Hundred-dollar Bills.					
FILLER	05	C	X(01)	56	56
Delimiter character, always X'05'.					
TLSR-06BFIFTS	05	N	9(15)	57	71
Fifty-dollar Bills.					
FILLER	05	C	X(01)	72	72
Delimiter character, always X'05'.					
TLSR-06BTWENS	05	N	9(15)	73	87
Twenty-dollar Bills.					
FILLER	05	C	X(01)	88	88
Delimiter character, always X'05'.					
TLSR-06BTENS	05	N	9(15)	89	103
Ten-dollar Bills.					
FILLER	05	C	X(01)	104	104
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-06BFIVES Five-dollar Bills.	05	N	9(15)	105	119
FILLER Delimiter character, always X'05'.	05	C	X(01)	120	120
TLSR-06BTWOS Two-dollar Bills.	05	N	9(15)	121	135
FILLER Delimiter character, always X'05'.	05	C	X(01)	136	136
TLSR-06BONES One-dollar Bills.	05	N	9(15)	137	151
FILLER Delimiter character, always X'05'.	05	C	X(01)	152	152
TLSR-06BOBILLS Odd Bills. Odd bills, converted to U.S. currency.	05	N	9(15)	153	167
FILLER Delimiter character, always X'05'.	05	C	X(01)	168	168
TLSR-06BRCOINS Rolled Coins.	05	N	9(15)V99	169	185
FILLER Delimiter character, always X'05'.	05	C	X(01)	186	186
TLSR-06BDOLLS Dollar Coins.	05	N	9(15)V99	187	203
FILLER Delimiter character, always X'05'.	05	C	X(01)	204	204
TLSR-06BHALVS Half-dollars.	05	N	9(15)V99	205	221
FILLER Delimiter character, always X'05'.	05	C	X(01)	222	222
TLSR-06BQTRS Quarters.	05	N	9(15)V99	223	239
FILLER Delimiter character, always X'05'.	05	C	X(01)	240	240

Field Name	Level	Mode	Picture	Displacement	
TLSR-06BDIMES Dimes.	05	N	9(15)V99	241	257
FILLER Delimiter character, always X'05'.	05	C	X(01)	258	258
TLSR-06BNICKS Nickels.	05	N	9(15)V99	259	275
FILLER Delimiter character, always X'05'.	05	C	X(01)	276	276
TLSR-06BPENS Pennies.	05	N	9(15)V99	277	293
FILLER Delimiter character, always X'05'.	05	C	X(01)	294	294
TLSR-06BOCOINS Odd Coins. Odd coins, converted to U.S. currency.	05	N	9(15)V99	295	311
FILLER Delimiter character, always X'05'.	05	C	X(01)	312	312
TLSR-06BCNTCASH Count Cash. Total of the cash entered on this transaction.	05	N	9(15)V99	313	329
FILLER Delimiter character, always X'05'.	05	C	X(01)	330	330
TLSR-06BCALCASH Calculated Cash. Total of the cash in teller cash drawer.	05	N	9(15)V99	331	347
FILLER Delimiter character, always X'05'.	05	C	X(01)	348	348
TLSR-06BOVSHORT Overage/Shortage. Difference between the counted cash and the calculated cash, overage or shortage.	05	N	9(15)V99	349	365
FILLER Delimiter character, always X'05'.	05	C	X(01)	366	366

TLSR-DATA07 – Standard Response Data Format 07

Standard Response Format 07 is used to respond to log lookup transactions. This format returns only customer monetary transactions. The library name for this area is TLSSR07.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA07 Standard Response Data Format 07 Record.	01	R		1	1087
TLSR-07BYTES Byte Area.	05	G		1	103
TLSR-07FIXED Data Format 07 Information.	07	G		1	103
TLSR-07INFBYTER01 Information Byte 1 for Format 07. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Error in institution number. Bit 3 – Error in teller ID. Bit 4 – Error in date. Bit 5 – Error in time. Bit 6 – Error in reference number. Bit 7 – Passbook updated.	09	C	X(01)	1	1
TLSR-07REFNBR Transaction Reference Number. Number is assigned by the controller program.	09	N	9(05)	2	6
TLSR-07BRNBR Branch Number.	09	N	9(05)	7	11
TLSR-07DATE Date. Transaction date. Format is MMDDYYYY.	09	N	9(08)	12	19
TLSR-07TIME Time. Transaction time. Format is HHMMSS.	09	N	9(06)	20	25
TLSR-07EXTC External Code. External transaction code.	09	N	9(04)	26	29
TLSR-07TRANAMT Transaction Amount. Amount of the net transaction.	09	N	S9(15)V99	30	46
TLSR-07TRANSER Transaction Serial. Serial number associated with the amount of this transaction.	09	N	9(11)	47	57

Field Name	Level	Mode	Picture	Displacement	
TLSR-DRCRCD	09	N	9(01)	58	58

Debit/Credit Code. Taken from the Transaction Processing Table. Valid entries are:

- **0** Not a debit or credit transaction.
- **1** Credit transaction.
- **2** Debit correction.
- **3** Debit transaction.
- **4** Credit correction.

TLSR-ATRANAMT 09 N 9(02) 59 60
Accumulator Number Transaction Amount. Accumulator number for the transaction amount field. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-ACASHAMT 09 N 9(02) 61 62
Accumulator Number Cash Amount. Accumulator number for the cash amount field. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-ACASHBK 09 N 9(02) 63 64
Accumulator Number Cashback. Accumulator number for the cashback amount field. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-ACHECKAMT 09 N 9(02) 65 66
Accumulator Number Check Amount. Accumulator number for the check amount field. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-AFEEAMT 09 N 9(02) 67 68
Accumulator Number Fee Amount. Accumulator number for the fee amount field. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-AOFFSET 09 N 9(02) 69 70
Accumulator Number Offsetting Transaction. Accumulator number for the offsetting transaction. This value comes from MICM Record 0151 and is stored in the Transaction Processing Table kept in temporary storage.

TLSR-ACTUALDATE 09 N 9(08) 71 78
Actual Date. The actual date the transaction was received.

TLSR-ACTUALTIME 09 N 9(06) 79 84
Actual Time. The actual time the transaction was received.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07FLDBYTER01	09	C	X(01)	85	85

Fields Present Byte 1 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Account institution number.
- Bit 3 – Account application code.
- Bit 4 – Account number.
- Bit 5 – Alternate account institution number.
- Bit 6 – Alternate account application code.
- Bit 7 – Alternate account number.

TLSR-07FLDBYTER02	09	C	X(01)	86	86

Field Present Byte 2 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – PIN.
- Bit 3 – Cash amount.
- Bit 4 – Cash back amount.
- Bit 5 – Check amount.
- Bit 6 – Check serial number.
- Bit 7 – Hold amount.

TLSR-07FLDBYTER03	09	C	X(01)	87	87

Fields Present Byte 3 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Hold days.
- Bit 3 – Fee amount.
- Bit 4 – Effective date.
- Bit 5 – Passbook balance (log).
- Bit 6 – Supervisor ID.
- Bit 7 – Supervisor password.

TLSR-07FLDBYTER04	09	C	X(01)	88	88

Fields Present Byte 4 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Cost center.
- Bit 3 – Description 1.
- Bit 4 – Description 2.
- Bit 5 – Social security number (log).
- Bit 6 – Routing and transit number (log).
- Bit 7 – Transaction sequence number.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07FLDBYTER05	09	C	X(01)	89	89

Fields Present Byte 5 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Source of input.
- Bit 3 – Transaction institution number (log).
- Bit 4 – Transaction teller ID (log).
- Bit 5 – Transaction terminal id (log).
- Bit 6 – Transaction return code (log).
- Bit 7 – Float routing and transit number 1.

TLSR-07FLDBYTER06	09	C	X(01)	90	90

Fields Present Byte 6 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Float amount 1.
- Bit 3 – 134 Sort C float 1.
- Bit 4 – EFAS C float 1.
- Bit 5 – 134 Sort B float 1.
- Bit 6 – EFAS B float 1.
- Bit 7 – 134 item type 1.

TLSR-07FLDBYTER07	09	C	X(01)	91	91

Fields Present Byte 7 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Item count 1.
- Bit 3 – Float routing and transit number 2.
- Bit 4 – Float amount 2.
- Bit 5 – 134 Sort C float 2.
- Bit 6 – EFAS C float 2.
- Bit 7 – 134 Sort B float 2.

TLSR-07FLDBYTER08	09	C	X(01)	92	92

Fields Present Byte 8 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – EFAS B float 2.
- Bit 3 – 134 item type 2.
- Bit 4 – Item count 2.
- Bit 5 – Float routing and transit Number 3.
- Bit 6 – Float amount 3.
- Bit 7 – 134 Sort C float 3.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07FLDBYTER09	09	C	X(01)	93	93

Fields Present Byte 9 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – EFAS C float 3.
- Bit 3 – 134 Sort B float 3.
- Bit 4 – EFAS B float 3.
- Bit 5 – 134 item type 3.
- Bit 6 – Item count 3.
- Bit 7 – Float routing and transit Number 4.

TLSR-07FLDBYTER10	09	C	X(01)	94	94

Fields Present Byte 10 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Float amount 4.
- Bit 3 – 134 Sort C float 4.
- Bit 4 – EFAS C float 4.
- Bit 5 – 134 Sort B float 4.
- Bit 6 – EFAS B float 4.
- Bit 7 – 134 item type 4.

TLSR-07FLDBYTER11	09	C	X(01)	95	95

Fields Present Byte 11 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Item count 4.
- Bit 3 – Float routing and transit Number 5.
- Bit 4 – Float amount 5.
- Bit 5 – 134 Sort C float 5.
- Bit 6 – EFAS C float 5.
- Bit 7 – 134 Sort B float 5.

TLSR-07FLDBYTER12	09	C	X(01)	96	96

Fields Present Byte 12 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – EFAS B float 5.
- Bit 3 – 134 item type 5.
- Bit 4 – Item count 5.
- Bit 5 – Loan principal amount.
- Bit 6 – Loan interest amount.
- Bit 7 – Loan escrow amount.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07FLDBYTER13	09	C	X(01)	97	97

Fields Present Byte 13 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Commitment number.
- Bit 3 – Note number.
- Bit 4 – Class field.
- Bit 5 – Pay-by code.
- Bit 6 – Pay-off code.
- Bit 7 – Passbook indicator.

TLSR-07FLDBYTER14	09	C	X(01)	98	98

Fields Present Byte 14 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Transaction correction indicator.
- Bit 3 – OD credit code (log).
- Bit 4 – OD limit code (log).
- Bit 5 – Account status.
- Bit 6 – No-Post indicator.
- Bit 7 – Account designation.

TLSR-07FLDBYTER15	09	C	X(01)	99	99

Fields Present Byte 15 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Offline indicator.
- Bit 3 – Force indicator.
- Bit 4 – Supervisor override indicator.
- Bit 5 – ATM flag indicator use.
- Bit 6 – Transaction reject indicator.
- Bit 7 – PM transaction indicator.

TLSR-07FLDBYTER16	09	C	X(01)	100	100

Fields Present Byte 16 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Bond owner.
- Bit 3 – Bond name index.
- Bit 4 – Bond address 1.
- Bit 5 – Bond address 2.
- Bit 6 – Bond city.
- Bit 7 – Bond state.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07FLDBYTER17	09	C	X(01)	101	101

Fields Present Byte 17 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Bond ZIP.
- Bit 3 – Bond co-owner.
- Bit 4 – Bond deliver code.
- Bit 5 – Bond connective type.
- Bit 6 – Bond 50-dollar denomination.
- Bit 7 – Bond 75-dollar denomination.

TLSR-07FLDBYTER18	09	C	X(01)	102	102

Fields Present Byte 18 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Bond 100-dollar denomination.
- Bit 3 – Bond 200-dollar denomination.
- Bit 4 – Bond 500-dollar denomination.
- Bit 5 – Bond 1000-dollar denomination.
- Bit 6 – Bond 5000-dollar denomination.
- Bit 7 – Bond 10,000-dollar denomination.

TLSR-07FLDBYTER19	09	C	X(01)	103	103

Fields Present Byte 19 for Format 07. Each bit of this byte represents a field in the variable data area. Valid entries are:

- Bit 2 – Backdate rejection switch.
- Bit 3 – Reserved for future use.
- Bit 4 – Reserved for future use.
- Bit 5 – Reserved for future use.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

TLSR-07ACCTBK	05	N	9(04)	104	107

Institution Account Number. Institution number of account (future).

FILLER	05	C	X(01)	108	108

Delimiter character, always X'05'.

TLSR-07EXTAPPL	05	N	9(02)	109	110

External Application Number. External application number for this transaction.

FILLER	05	C	X(01)	111	111

Delimiter character, always X'05'.

TLSR-07ACCT	05	N	9(18)	112	129

Account Number. Account number for this transaction.

FILLER	05	C	X(01)	130	130

Delimiter character, always X'05'.

Field Name	Level	Mode	Picture	Displacement	
TLSR-07ALTACCTBK	05	N	9(04)	131	134
Alternate Institution Account. Institution number of alternate account (future).					
FILLER	05	C	X(01)	135	135
Delimiter character, always X'05'.					
TLSR-07ALTEXTAPPL	05	N	9(02)	136	137
Alternate External Application Number. Alternate external application number for this transaction.					
FILLER	05	C	X(01)	138	138
Delimiter character, always X'05'.					
TLSR-07ALTACCT	05	N	9(18)	139	156
Alternate Account Number. Alternate account number for this transaction.					
FILLER	05	C	X(01)	157	157
Delimiter character, always X'05'.					
TLSR-07PIN	05	N	9(09)	158	166
Personal Identification Number. PIN for the account initiating this transaction.					
FILLER	05	C	X(01)	167	167
Delimiter character, always X'05'.					
TLSR-07CASHAMT	05	N	S9(15)V99	168	184
Cash Amount. Cash amount used for this transaction.					
FILLER	05	C	X(01)	185	185
Delimiter character, always X'05'.					
TLSR-07CASHBK	05	N	S9(15)V99	186	202
Cashback Amount. Cashback amount used for this transaction.					
FILLER	05	C	X(01)	203	203
Delimiter character, always X'05'.					
TLSR-07CHECKAMT	05	N	S9(15)V99	204	220
Check Amount. Check amount used for this transaction.					
FILLER	05	C	X(01)	221	221
Delimiter character, always X'05'.					
TLSR-07CHKSERIAL	05	N	9(11)	222	232
Check Serial Number. Serial number for check if entered.					
FILLER	05	C	X(01)	233	233
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07HOLDAMT	05	N	S9(15)V99	234	250
Hold Amount. Hold amount used for this transaction.					
FILLER	05	C	X(01)	251	251
Delimiter character, always X'05'.					
TLSR-07HOLDDAYS	05	N	9(03)	252	254
Hold Days. Number of days to place the amount on hold. If there is a hold amount present but no hold days are entered, a value of '1' appears in hold days.					
FILLER	05	C	X(01)	255	255
Delimiter character, always X'05'.					
TLSR-07FEEAMT	05	N	S9(15)V99	256	272
Fee Amount. Fee charged with this transaction.					
FILLER	05	C	X(01)	273	273
Delimiter character, always X'05'.					
TLSR-07EFFDT	05	N	9(08)	274	281
Effective Date. Effective date of this transaction. Format is MMDDYYYY.					
FILLER	05	C	X(01)	282	282
Delimiter character, always X'05'.					
TLSR-07BOOKBAL	05	N	S9(15)V99	283	299
Passbook Balance.					
FILLER	05	C	X(01)	300	300
Delimiter character, always X'05'.					
TLSR-07SUPVNBR	05	C	X(08)	301	308
Supervisor ID. Supervisor's ID, if overriding transaction.					
FILLER	05	C	X(01)	309	309
Delimiter character, always X'05'.					
TLSR-07NEWPASS	05	C	X(08)	310	317
Supervisor Password. Supervisor's password, if overriding transaction.					
FILLER	05	C	X(01)	318	318
Delimiter character, always X'05'.					
TLSR-07COSTCTR	05	N	9(15)	319	333
Cost Center. Cost center for this transaction.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	334	334
TLSR-07DESC1 Description 1.	07	C	X(40)	335	374
FILLER Delimiter character, always X'05'.	05	C	X(01)	375	375
TLSR-07DESC2 Description 2.	07	C	X(40)	376	415
FILLER Delimiter character, always X'05'.	05	C	X(01)	416	416
TLSR-07SOCSEC Social Security. Social security number for the account.	05	N	9(09)	417	425
FILLER Delimiter character, always X'05'.	05	C	X(01)	426	426
TLSR-07RTRNBR Routing and Transit Number. Routing and transit number for this transaction.	05	N	9(09)	427	435
FILLER Delimiter character, always X'05'.	05	C	X(01)	436	436
TLSR-07TRANSEQ Transaction Sequence. Transaction sequence number for Infopoint Time Investment TDOA transactions.	05	N	9(05)	437	441
FILLER Delimiter character, always X'05'.	05	C	X(01)	442	442
TLSR-07SRINPUT Input Source. Source of input.	05	N	9(04)	443	446
FILLER Delimiter character, always X'05'.	05	C	X(01)	447	447
TLSR-07INST Institution Number. Institution number of requested transaction.	05	N	9(04)	448	451
FILLER Delimiter character, always X'05'.	05	C	X(01)	452	452

Field Name	Level	Mode	Picture	Displacement	
TLSR-07TLRNBR Teller ID. Teller ID of requested transaction.	05	N	X(08)	453	460
FILLER Delimiter character, always X'05'.	05	C	X(01)	461	461
TLSR-07TERMID Terminal ID. Terminal ID of the requested transaction.	05	C	X(04)	462	465
FILLER Delimiter character, always X'05'.	05	C	X(01)	466	466
TLSR-07RTNCD Return Code. Return code of the requested transaction.	05	N	9(04)	467	470
FILLER Delimiter character, always X'05'.	05	C	X(01)	471	471
TLSR-07FLTRTNBR1 Routing Transit Number. Routing and transit number sent in the message.	05	N	9(08)	472	479
FILLER Delimiter character, always X'05'.	05	C	X(01)	480	480
TLSR-07FLOATAMT1 Float Amount. Float amount requested.	05	N	S9(15)V99	481	497
FILLER Delimiter character, always X'05'.	05	C	X(01)	498	498
TLSR-07134SORTCFLT1 Sort Customer Float Days. Number of customer float days requested.	05	N	9(02)	499	500
FILLER Delimiter character, always X'05'.	05	C	X(01)	501	501
TLSR-07EFACFLT1 EFAS Customer Float Days. Number of customer float days determined by EFAS.	05	N	9(02)	502	503
FILLER Delimiter character, always X'05'.	05	C	X(01)	504	504
TLSR-07134SORTBFLT1 Sort Bank Float Days. Number of bank float days requested.	05	N	9(02)	505	506
FILLER Delimiter character, always X'05'.	05	C	X(01)	507	507

Field Name	Level	Mode	Picture	Displacement	
TLSR-07EFABFLT1	05	N	9(02)	508	509
EFAS Bank Float Days. Number of bank float days determined by EFAS.					
FILLER	05	C	X(01)	510	510
Delimiter character, always X'05'.					
TLSR-07134ITEMTYPE1	05	N	9(02)	511	512
Item Float Type. See TLSM-02ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	513	513
Delimiter character, always X'05'.					
TLSR-07ITMCNT1	05	N	9(07)	514	520
Item Count. Number of items involved in the float.					
FILLER	05	C	X(01)	521	521
Delimiter character, always X'05'.					
TLSR-07FLTRTNBR2	05	N	9(08)	522	529
Float Routing Transit Number. Routing and transit number sent in the message.					
FILLER	05	C	X(01)	530	530
Delimiter character, always X'05'.					
TLSR-07FLOATAMT2	05	N	S9(15)V99	531	547
Float Amount. Float amount requested.					
FILLER	05	C	X(01)	548	548
Delimiter character, always X'05'.					
TLSR-07134SORTCFLT2	05	N	9(02)	549	550
Sort Customer Float Days. Number of customer float days requested.					
FILLER	05	C	X(01)	551	551
Delimiter character, always X'05'.					
TLSR-07EFACFLT2	05	N	9(02)	552	553
EFAS Customer Float Days. Number of customer float days determined by EFAS.					
FILLER	05	C	X(01)	554	554
Delimiter character, always X'05'.					
TLSR-07134SORTBFLT2	05	N	9(02)	555	556
Sort Bank Float Days. Number of bank float days requested.					
FILLER	05	C	X(01)	557	557
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07EFABFLT2	05	N	9(02)	558	559
EFAS Bank Float Days. Number of bank float days determined by EFAS.					
FILLER	05	C	X(01)	560	560
Delimiter character, always X'05'.					
TLSR-07134ITEMTYPE2	05	N	9(02)	561	562
Item Float Type. See TLSM-02ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	563	563
Delimiter character, always X'05'.					
TLSR-07ITMCNT2	05	N	9(07)	564	570
Item Count. Number of items involved in the float.					
FILLER	05	C	X(01)	571	571
Delimiter character, always X'05'.					
TLSR-07FLTRTNBR3	05	N	9(08)	572	579
Float Routing Transit Number. Routing and transit number sent in the message.					
FILLER	05	C	X(01)	580	580
Delimiter character, always X'05'.					
TLSR-07FLOATAMT3	05	N	S9(15)V99	581	597
Float Amount. Float amount requested.					
FILLER	05	C	X(01)	598	598
Delimiter character, always X'05'.					
TLSR-07134SORTCFLT3	05	N	9(02)	599	600
Sort Customer Float Days. Number of customer float days requested.					
FILLER	05	C	X(01)	601	601
Delimiter character, always X'05'.					
TLSR-07EFACFLT3	05	N	9(02)	602	603
EFAS Customer Float Days. Number of customer float days determined by EFAS.					
FILLER	05	C	X(01)	604	604
Delimiter character, always X'05'.					
TLSR-07134SORTBFLT3	05	N	9(02)	605	606
Sort Bank Float Days. Number of bank float days requested.					
FILLER	05	C	X(01)	607	607
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07EFABFLT3	05	N	9(02)	608	609
EFAS Bank Float Days. Number of bank float days determined by EFAS.					
FILLER	05	C	X(01)	610	610
Delimiter character, always X'05'.					
TLSR-07134ITEMTYPE3	05	N	9(02)	611	612
Item Float Type. See TLSM-02ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	613	613
Delimiter character, always X'05'.					
TLSR-07ITMCNT3	05	N	9(07)	614	620
Item Count. Number of items involved in the float.					
FILLER	05	C	X(01)	621	621
Delimiter character, always X'05'.					
TLSR-07FLTRTNBR4	05	N	9(08)	622	629
Float Routing Transit Number. Routing and transit number sent in the message.					
FILLER	05	C	X(01)	630	630
Delimiter character, always X'05'.					
TLSR-07FLOATAMT4	05	N	S9(15)V99	631	647
Float Amount. Float amount requested.					
FILLER	05	C	X(01)	648	648
Delimiter character, always X'05'.					
TLSR-07134SORTCFLT4	05	N	9(02)	649	650
Sort Customer Float Days. Number of customer float days requested.					
FILLER	05	C	X(01)	651	651
Delimiter character, always X'05'.					
TLSR-07EFACFLT4	05	N	9(02)	652	653
EFAS Customer Float Days. Number of customer float days determined by EFAS.					
FILLER	05	C	X(01)	654	654
Delimiter character, always X'05'.					
TLSR-07134SORTBFLT4	05	N	9(02)	655	656
Sort Bank Float Days. Number of bank float days requested.					
FILLER	05	C	X(01)	657	657
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07EFABFLT4	05	N	9(02)	658	659
EFAS Bank Float Days. Number of bank float days determined by EFAS.					
FILLER	05	C	X(01)	660	660
Delimiter character, always X'05'.					
TLSR-07134ITEMTYPE4	05	N	9(02)	661	662
Item Float Type. See TLSM-02ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	663	663
Delimiter character, always X'05'.					
TLSR-07ITMCNT4	05	N	9(07)	664	670
Item Count. Number of items involved in the float.					
FILLER	05	C	X(01)	671	671
Delimiter character, always X'05'.					
TLSR-07FLTRTNBR5	05	N	9(08)	672	679
Float Routing Transit Number. Routing and transit number sent in the message.					
FILLER	05	C	X(01)	680	680
Delimiter character, always X'05'.					
TLSR-07FLOATAMT5	05	N	S9(15)V99	681	697
Float Amount. Float amount requested.					
FILLER	05	C	X(01)	698	698
Delimiter character, always X'05'.					
TLSR-07134SORTCFLT5	05	N	9(02)	699	700
Sort Customer Float Days. Number of customer float days requested.					
FILLER	05	C	X(01)	701	701
Delimiter character, always X'05'.					
TLSR-07EFACFLT5	05	N	9(02)	702	703
EFAS Customer Float Days. Number of customer float days determined by EFAS.					
FILLER	05	C	X(01)	704	704
Delimiter character, always X'05'.					
TLSR-07134SORTBFLT5	05	N	9(02)	705	706
Sort Bank Float Days. Number of bank float days requested.					
FILLER	05	C	X(01)	707	707
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07EFABFLT5	05	N	9(02)	708	709
EFAS Bank Float Days. Number of bank float days determined by EFAS.					
FILLER	05	C	X(01)	710	710
Delimiter character, always X'05'.					
TLSR-07134ITEMTYPE5	05	N	9(02)	711	712
Item Float Type. See TLSM-02ITEMTYPE1 for valid types.					
FILLER	05	C	X(01)	713	713
Delimiter character, always X'05'.					
TLSR-07ITMCNT5	05	N	9(07)	714	720
Item Count. Number of items involved in the float.					
FILLER	05	C	X(01)	721	721
Delimiter character, always X'05'.					
TLSR-07MLPRINAMT	05	N	S9(15)V99	722	738
Loan Principal Amount. Loan principal amount in the message.					
FILLER	05	C	X(01)	739	739
Delimiter character, always X'05'.					
TLSR-07MLINTAMT	05	N	S9(15)V99	740	756
Loan Interest Amount. Loan interest amount in the message.					
FILLER	05	C	X(01)	757	757
Delimiter character, always X'05'.					
TLSR-07MESCROWAMT	05	N	S9(15)V99	758	774
Escrow Amount. Loan escrow amount in the message.					
FILLER	05	C	X(01)	775	775
Delimiter character, always X'05'.					
TLSR-07MCOMMITNBR	05	N	9(18)	776	793
Commitment Number. Commitment number in the message.					
FILLER	05	C	X(01)	794	794
Delimiter character, always X'05'.					
TLSR-07MNOTENBR	05	N	9(18)	795	812
Note Number. Note number in the message.					
FILLER	05	C	X(01)	813	813
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07MCLASSFLD	05	N	9(03)	814	816
Loans Class Field. Loans class field sent in the message.					
FILLER	05	C	X(01)	817	817
Delimiter character, always X'05'.					
TLSR-07MPAYBYCDE	05	N	9(02)	818	819
Loans Pay-by Code. Loans pay-by code sent in the message.					
FILLER	05	C	X(01)	820	820
Delimiter character, always X'05'.					
TLSR-07PAYOFFCDE	05	C	X(01)	821	821
Loans Pay-off Code. Loans pay-off code sent in the message.					
FILLER	05	C	X(01)	822	822
Delimiter character, always X'05'.					
TLSR-07RPASSBOOK	05	C	X(01)	823	823
Passbook Update Indicator. Indicates if the passbook has been updated with not-booked items.					
FILLER	05	C	X(01)	824	824
Delimiter character, always X'05'.					
TLSR-07RCORRECTED	05	C	X(01)	825	825
Corrected Transaction Indicator. Indicates if the transaction has been corrected.					
FILLER	05	C	X(01)	826	826
Delimiter character, always X'05'.					
TLSR-07ODCRCODE	05	C	X(01)	827	827
Overdraft Credit Code. Defines the source of funds for automatic transfers.					
FILLER	05	C	X(01)	828	828
Delimiter character, always X'05'.					
TLSR-07ODLCODE	05	C	X(01)	829	829
Overdraft Limit Code. Overdraft limit amount for the account (in whole dollars).					
FILLER	05	C	X(01)	830	830
Delimiter character, always X'05'.					
TLSR-07MSTATUS	05	C	X(01)	831	831
Account Status Indicator. Indicates whether the account is open, inactive, or closed.					
FILLER	05	C	X(01)	832	832
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07MNOPOST	05	C	X(01)	833	833
Posting Code Indicator. Indicates whether the account is closed to posting.					
FILLER	05	C	X(01)	834	834
Delimiter character, always X'05'.					
TLSR-07MMADES	05	C	X(01)	835	835
Account Designation. Indicates the account designation of the transaction.					
FILLER	05	C	X(01)	836	836
Delimiter character, always X'05'.					
TLSR-07MOFFLINE	05	C	X(01)	837	837
Offline Transaction Indicator. Indicates whether the host was available when the transaction was authorized.					
FILLER	05	C	X(01)	838	838
Delimiter character, always X'05'.					
TLSR-07RFORCE	05	C	X(01)	839	839
Forced Transaction Indicator. Indicates whether the transaction was forced.					
FILLER	05	C	X(01)	840	840
Delimiter character, always X'05'.					
TLSR-07OVERRIDE	05	C	X(01)	841	841
Supervisor Override Indicator. Indicates whether the transaction has a supervisor override in effect.					
FILLER	05	C	X(01)	842	842
Delimiter character, always X'05'.					
TLSR-07ATMFLAG	05	C	X(01)	843	843
ATM Flag Indicator. Indicates whether the transaction was originated by an ATM.					
FILLER	05	C	X(01)	844	844
Delimiter character, always X'05'.					
TLSR-07REJECT	05	C	X(01)	845	845
Reject. Transaction rejected.					
FILLER	05	C	X(01)	846	846
Delimiter character, always X'05'.					
TLSR-07PMTRAN	05	C	X(01)	847	847
PM Transaction. Indicates if the transaction is a PM transaction.					

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	05	C	X(01)	848	848
TLSR-07BOWNER Bond Owner Name.	05	C	X(28)	849	876
FILLER Delimiter character, always X'05'.	05	C	X(01)	877	877
TLSR-07BNINDEX Name Index. Last name of the bond owner.	05	C	X(30)	878	907
FILLER Delimiter character, always X'05'.	05	C	X(01)	908	908
TLSR-07BADDR1 Address Line 1. Mailing address line 1 or care-of name. Corresponds with TLSR-02BDELIVECD.	05	C	X(28)	909	936
FILLER Delimiter character, always X'05'.	05	C	X(01)	937	937
TLSR-07BADDR2 Address Line 2. Address line 2 for bond delivery.	05	C	X(28)	938	965
FILLER Delimiter character, always X'05'.	05	C	X(01)	966	966
TLSR-07BCITY Bond City. City for bond delivery.	05	C	X(20)	967	986
FILLER Delimiter character, always X'05'.	05	C	X(01)	987	987
TLSR-07BSTATE Bond State. State for bond delivery.	05	C	X(02)	988	989
FILLER Delimiter character, always X'05'.	05	C	X(01)	990	990
TLSR-07BZIP Bond Delivery ZIP Code. If submitting a five digit ZIP code, left justify the entry and fill with trailing zeros.	05	N	9(09)	991	999
FILLER Delimiter character, always X'05'.	05	C	X(01)	1000	1000

Field Name	Level	Mode	Picture	Displacement	
TLSR-07BCOWNER	05	C	X(28)	1001	1028
Bond Co-owner. Second named person on the bond.					
FILLER	05	C	X(01)	1029	1029
Delimiter character, always X'05'.					
TLSR-07BDELIVECD	05	N	9(01)	1030	1030
Bond Delivery Code. Valid entries are: **2** Mail bond to owner. **3** Mail bond to a person other than the bond owner. Corresponds with TLSR-02BADDR1.					
FILLER	05	C	X(01)	1031	1031
Delimiter character, always X'05'.					
TLSR-07BCONTYPE	05	C	X(03)	1032	1034
Co-owner Payment Type Code. Valid entries are: ~~**b**~~ Bond owner only. **OR** Bond owner or second named person. **POD** Payment on death to second named person.					
FILLER	05	C	X(01)	1035	1035
Delimiter character, always X'05'.					
TLSR-07BD50S	05	N	9(03)	1036	1038
Fifties. Fifty-dollar denomination field.					
FILLER	05	C	X(01)	1039	1039
Delimiter character, always X'05'.					
TLSR-07BD75S	05	N	9(03)	1040	1042
Seventy-fives. Seventy-five dollar denomination field.					
FILLER	05	C	X(01)	1043	1043
Delimiter character, always X'05'.					
TLSR-07BD100S	05	N	9(03)	1044	1046
One-hundreds. One-hundred dollar denomination field.					
FILLER	05	C	X(01)	1047	1047
Delimiter character, always X'05'.					
TLSR-07BD200S	05	N	9(03)	1048	1050
Two-hundreds. Two-hundred dollar denomination field.					
FILLER	05	C	X(01)	1051	1051
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-07BD500S	05	N	9(03)	1052	1054
Five-hundreds. Five-hundred dollar denomination field.					
FILLER	05	C	X(01)	1055	1055
Delimiter character, always X'05'.					
TLSR-07BD1000S	05	N	9(03)	1056	1058
One-thousands. One-thousand dollar denomination field.					
FILLER	05	C	X(01)	1059	1059
Delimiter character, always X'05'.					
TLSR-07BD5000S	05	N	9(03)	1060	1062
Five-thousands. Five-thousand dollar denomination field.					
FILLER	05	C	X(01)	1063	1063
Delimiter character, always X'05'.					
TLSR-07BD10000S	05	N	9(03)	1064	1066
Ten-thousands. Ten-thousand dollar denomination field.					
FILLER	05	C	X(01)	1067	1067
Delimiter character, always X'05'.					
TLSR-07RBACKDATE	05	C	X(01)	1068	1068
Backdate Indicator. Indicates if the effective date has exceeded the backdating parameters.					
FILLER	05	C	X(01)	1069	1069
Delimiter character, always X'05'.					
TLSR-07CKSOUT	05	N	S9(15)V99	1070	1086
FILLER	05	C	X(01)	1087	1087
Delimiter character, always X'05'.					

TLSR-DATA08 – Standard Response Data Format 08

Standard Response Format 08 returns stop payment information. This format is used to respond to stop payment inquires or to situations where a stop payment is found when a check is cashed. This format also includes cautions and assignments. The library name for this area is TLSSR08.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA08	01	R		1	196
Standard Response Data Format 08 Record.					
TLSR-08BYTES	05	G		1	4
Byte Area.					
TLSR-08INFBYTER01	07	C	X(01)	1	1
Information Byte 1 for Format 08. Each bit of this byte serves as an information switch. Valid entries are: Bit 2 – Account does not have stops. Bit 3 – All stops have been presented. Bit 4 – Reserved for future use. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.					
TLSR-08FLDBYTER01	07	C	X(01)	2	2
Fields Present Byte 1 for Format 08. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Application code. Bit 3 – Account number payment. Bit 4 – Stop payment type code. Bit 5 – Stop payment amount. Bit 6 – Stop payment expiration date. Bit 7 – Stop payment entry date.					
TLSR-08FLDBYTER02	07	C	X(01)	3	3
Fields Present Byte 2 for Format 08. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Stop payment description 1. Bit 3 – Stop payment description 2. Bit 4 – Stop payment low serial number. Bit 5 – Stop payment high serial number. Bit 6 – Stop payment sequence number. Bit 7 – Stop payment charge.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-08FLDBYTER03	07	C	X(01)	4	4

Fields Present Byte 3 for Format 08. Each bit of this byte represents a field in the variable data area.
Valid entries are:

- Bit 2 – Stop payment employee.
- Bit 3 – Stop payment source.
- Bit 4 – Stop payment action.
- Bit 5 – Stop payment old sequence number.
- Bit 6 – Reserved for future use.
- Bit 7 – Reserved for future use.

TLSR-08APPL	05	N	9(02)	5	6

Application. Account application.

FILLER	05	C	X(01)	7	7

Delimiter character, always X'05'.

TLSR-08ACCOUNT	05	N	9(18)	8	25

Account. Account for the stop payment.

FILLER	05	C	X(01)	26	26

Delimiter character, always X'05'.

TLSR-08TYPE	05	C	X(01)	27	27

Type Indicator. Type of stop payment.

FILLER	05	C	X(01)	28	28

Delimiter character, always X'05'.

TLSR-08AMT	05	N	9(15)V99	29	45

Amount Indicator. Amount of the stop payment.

FILLER	05	C	X(01)	46	46

Delimiter character, always X'05'.

TLSR-08EXPDATE	05	N	9(08)	47	54

Expiration Date. Expiration date of the stop payment. Format is MMDDYYYY.

FILLER	05	C	X(01)	55	55

Delimiter character, always X'05'.

TLSR-08ENTDATE	05	N	9(08)	56	63

Entered Date. Entered date of the stop payment. Format is MMDDYYYY.

FILLER	05	C	X(01)	64	64

Delimiter character, always X'05'.

Field Name	Level	Mode	Picture	Displacement	
TLSR-08DESC1	05	C	X(40)	65	104
Description 1. Description 1 of the stop payment.					
FILLER	05	C	X(01)	105	105
Delimiter character, always X'05'.					
TLSR-08DESC2	05	C	X(40)	106	145
Description 2. Description 2 of the stop payment.					
FILLER	05	C	X(01)	146	146
Delimiter character, always X'05'.					
TLSR-08LOWSERIAL	05	N	9(11)	147	157
Lowest Serial. Lowest serial number in the range for a stop payment on a series of checks.					
FILLER	05	C	X(01)	158	158
Delimiter character, always X'05'.					
TLSR-08HISERIAL	05	N	9(11)	159	169
Highest Serial. Highest serial number in the range for a stop payment on a series of checks.					
FILLER	05	C	X(01)	170	170
Delimiter character, always X'05'.					
TLSR-08SEQNBR	05	N	9(04)	171	174
Sequence Number. Sequence number assigned by Infopoint Deposits.					
FILLER	05	C	X(01)	175	175
Delimiter character, always X'05'.					
TLSR-08CHARGE	05	C	X(01)	176	176
Charge Number. Charge number assigned by Infopoint Deposits.					
FILLER	05	C	X(01)	177	177
Delimiter character, always X'05'.					
TLSR-08EMPLOYEE	05	C	X(09)	178	186
Employee Code. Employee code for the employee who put on the stop.					
FILLER	05	C	X(01)	187	187
Delimiter character, always X'05'.					
TLSR-08SOURCE	05	C	X(01)	188	188
Source Code. Source code of how the stop was applied. This code is assigned by Infopoint Deposits.					
FILLER	05	C	X(01)	189	189
Delimiter character, always X'05'.					

Field Name	Level	Mode	Picture	Displacement	
TLSR-08ACTION	05	C	X(01)	190	190
Action Code. Action code assigned by Infopoint Deposits.					
FILLER	05	C	X(01)	191	191
Delimiter character, always X'05'.					
TLSR-08OLDSEQ	05	N	9(04)	192	195
Old Sequence. Previous sequence number assigned by Infopoint Deposits.					
FILLER	05	C	X(01)	196	196
Delimiter character, always X'05'.					

TLSR-DATA09 – Standard Response Data Format 09

Standard Response Format 09 returns not-booked transactions to the terminal so they can print in the passbook. This format results from passbook update or passbook inquiry transactions or from a monetary transaction with the passbook and the not-booked transactions present. The library name for this area is TLSSR09.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA09 Standard Response Data Format 09 Record.	01	R		1	2699
TLSR-09BYTES Byte Area.	05	G		1	2
TLSR-09NBCOUNT Count. Number of occurrences of the not-booked data.	07	N	9(02)	1	2
TLSR-DATA09SHORT Not-booked Transaction Data (Short Version).	05	G		3	2690
TLSR-DATA09D OCCURS 18 TIMES. Not-booked Transaction Data.	07	G		3	542
TLSR-09TYPE Type Indicator. Type of not-booked transaction. Valid entries are: **1** Credit. **2** Debit correction. **3** Debit. **4** Credit correction. **5** Interest. **6** Federal withholding tax. **7** Service charge. **8** Credit (non-balance). **9** Debit (non-balance). The terminal control system uses these codes to determine the description of the not-booked transaction.	09	N	9(02)	3	4
FILLER Delimiter character, always X'05'.	09	C	X(01)	5	5
TLSR-09EFFDTE Effective Date. Effective date of the transaction. Format is MMDDYYYY.	09	N	9(08)	6	13
FILLER Delimiter character, always X'05'.	09	C	X(01)	14	14
TLSR-09AMT Amount Indicator. Amount of the not-booked transaction.	09	N	S9(15)V99	15	31

Field Name	Level	Mode	Picture	Displacement	
FILLER Delimiter character, always X'05'.	09	C	X(01)	32	32
FILLER Delimiter character, always X'05'.	07	C	X(2148)	543	2690
TLSR-DATA09LONG REDEFINES TLSR-DATA09SHORT.	05	G		3	2180
TLSR-DATA09L OCCURS 18 TIMES. Not-booked Transaction Data.	07	G		3	2180
TLSR-09TYPEL Type Indicator. Type of not-booked transaction. Valid entries are: **1** Credit. **2** Debit correction. **3** Debit. **4** Credit correction. **5** Interest. **6** Federal withholding tax. **7** Service charge. **8** Credit (non-balance). **9** Debit (non-balance). The terminal control system uses these codes to determine the description of the not-booked transaction.	09	N	9(02)	3	4
FILLER Delimiter character, always X'05'.	07	C	X(01)	5	5
TLSR-09EFFDTEL Effective Date. Effective date of the transaction. Format is MMDDYYYY.	09	N	9(08)	6	13
FILLER Delimiter character, always X'05'.	09	C	X(01)	14	14
TLSR-09AMTL Amount Indicator. Amount of the not-booked transaction.	09	N	S9(15)V99	15	31
FILLER Delimiter character, always X'05'.	09	C	X(01)	32	32
TLSR-09TELLER Teller ID.	09	C	X(08)	33	40
FILLER Delimiter character, always X'05'.	09	C	X(01)	41	41

Field Name	Level	Mode	Picture	Displacement	
TLSR-09BRANCH Branch. Branch to which the account belongs.	09	N	9(05)	42	46
FILLER Delimiter character, always X'05'.	09	C	X(01)	47	47
TLSR-09RENLAST Renewal Date.	09	N	9(08)	48	55
FILLER Delimiter character, always X'05'.	09	C	X(01)	56	56
TLSR-09RENNEXT Next Renewal Date.	09	N	9(08)	57	64
FILLER Delimiter character, always X'05'.	09	C	X(01)	65	65
TLSR-09INTRATE Renewal Rate.	09	N	V9(09)	66	74
FILLER Delimiter character, always X'05'.	09	C	X(01)	75	75
TLSR-09RENAPY Renewal APY.	09	N	9(02)V9(09)	76	86
FILLER Delimiter character, always X'05'.	09	C	X(01)	87	87
TLSR-09RENTERM Renewal Term.	09	N	9(03)	88	90
FILLER Delimiter character, always X'05'.	09	C	X(01)	91	91
TLSR-09RENFREQ Renewal Frequency.	09	C	X(01)	92	92
FILLER Delimiter character, always X'05'.	09	C	X(01)	93	93
TLSR-09INTTERM Interest Term.	09	N	9(03)	94	96
FILLER Delimiter character, always X'05'.	09	C	X(01)	97	97

Field Name	Level	Mode	Picture	Displacement	
TLSR-09INTFREQ Interest Frequency.	09	C	X(01)	98	98
FILLER Delimiter character, always X'05'.	09	C	X(01)	99	99
TLSR-09INTDISP Interest Disposition.	09	C	X(01)	100	100
FILLER Delimiter character, always X'05'.	09	C	X(01)	101	101
TLSR-09TRFACCT Transferred Account. Account to which interest is being transferred.	09	N	9(18)	102	119
FILLER Delimiter character, always X'05'.	09	C	X(01)	120	120
TLSR-09TRFAPPL Transferred Application. Application to which interest is being transferred.	09	N	9(02)	121	122
FILLER Delimiter character, always X'05'.	09	C	X(01)	123	123
TLSR-09BOOKBAL Passbook Balance.	05	PS	S9(15)V99	2691	2699

TLSR-DATA10 – Standard Response Data Format 10

Standard Response Format 10 is used when the system has aborted. The error-line messages are generated by MICM Record 0404 records. The library name for this area is TLSSR10.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA10	01	R		1	124
Standard Response Data Format 10 Record.					
TLSR-10BYTES	05	G		1	1
Byte Area.					
TLSR-10FLDBYTER01	07	C	X(01)	1	1
Fields Present Byte 1 for Format 10. Each bit of this byte represents a field in the variable data area. Valid entries are: Bit 2 – Error line 1 from MICM. Bit 3 – Error line 2 from MICM. Bit 4 – Error line 3 from MICM. Bit 5 – Reserved for future use. Bit 6 – Reserved for future use. Bit 7 – Reserved for future use.					
TLSR-10ERRLINE1	05	C	X(40)	2	41
Error Line 1. Error description for line 1 found in the MICM documentation.					
FILLER	05	C	X(01)	42	42
Delimiter character, always X'05'.					
TLSR-10ERRLINE2	05	C	X(40)	43	82
Error Line 2. Error description for line 2 found in the MICM documentation.					
FILLER	05	C	X(01)	83	83
Delimiter character, always X'05'.					
TLSR-10ERRLINE3	05	C	X(40)	84	123
Error Line 3. Error description for line 3 found in the MICM documentation.					
FILLER	05	C	X(01)	124	124
Delimiter character, always X'05'.					

TLSR-DATA11 – Standard Response Data Format 11

Standard Response Format 11 is used for settlement information. The library name for this area is TLSSR11.

Field Name	Level	Mode	Picture	Displacement	
TLSR-DATA11 Standard Response Data Format 11 Record.	01	R		1	3150
TLSR-STLMOCCURS OCCURS 63 TIMES. Settlement Information.	05	G		1	3150
TLSR-11TYPE Type. Type of information for this occurrence.	07	C	X(01)	1	1
TLSR-11DBCOUNT Count. Number of debits for this type.	07	N	S9(07)	2	8
TLSR-11DBAMT Debit Amount. Total debit dollar amount for this type.	07	N	S9(15)V99	9	25
TLSR-11CRCOUNT Credit Count. Number of credits for this type.	07	N	S9(07)	26	32
TLSR-11CRAMT Credit Amount. Total credit dollar amount for this type.	07	N	S9(15)V99	33	49
FILLER Delimiter character, always X'05'.	07	C	X(01)	50	50

Chapter

5

Internal Messages

This chapter contains the formats for the internal messages that the transaction processor program receives from the controller programs. The internal message is built from the standard message in program TLL200.

The internal response is started from the standard message, and the internal message and response format is sent through the system. Information regarding the processing of the transaction is kept in the internal response that is used to create the standard response. When using program TLL090, these formats are necessary to communicate with program TLL200.

Note: The various interface programs must be modified to build these messages before linking to the transaction processor.

Record Descriptions

This section contains detailed record layouts. All subsequent occurrences of that record refer to the original description. When two records have the same format but different names, both record names are given, referring to the record that contains the field descriptions. Occasionally, a single record is divided into multiple records, using a redefines clause. When this occurs, each redefinition is preceded by a record description, as if it were an independent record.

The records are listed in alphabetical order. The record descriptions are detailed by field. Each field is described by the following headings:

Field Name Actual COBOL name used in the record.

Level Level number of the field, as assigned in the COBOL record.

Mode Type of field defined. The following codes are used:

- **B** Binary data only. Refers to COMPUTATIONAL halfword (2-byte), fullword (4-byte) and doubleword (8-byte) fields. Fields can be signed or unsigned.
- **C** Character or alphanumeric data.
- **G** Group. Field represents a combination of fields immediately following it.
- **N** Numeric data only.
- **NS** Numeric data with sign.
- **P** Packed numeric data. Refers to unsigned COMPUTATIONAL-3 fields.
- **PS** Packed numeric data with sign. Refers to signed COMPUTATIONAL-3 fields.
- **R** Record. The first field in the record usually represents the entire record.

Picture COBOL format of the field indicating the field's content, length, whether it is signed or unsigned, and decimal position.

Displacement Starting and ending position of the field. The first position used is '1'. If the field is defined with an OCCURS clause, the displacement is represented in one of two ways. When the field has a mode of 'G', the displacement represents the total length of the field multiplied by the number of occurrences. For all other modes, the displacement represents the length of the first occurrence of the field. When a field has a variable length, a 'V' is placed in the second, or ending, position of the displacement.

TLBACH-RECORD – ACH Internal Message Record

The following record description shows the layout for the ACH Internal Message Record. The library name for this record is TLSBACH.

Field Name	Level	Mode	Picture	Displacement	
TLBACH-RECORD ACH Internal Message Record.	01	R		1	206
TLBACH-CICSTC CICS Transaction Code.	03	C	X(04)	1	4
TLBACH-MSGSOURCE Message Source.	03	C	X(04)	5	8
TLBACH-INST Institution Number. Institution number of the teller or ATM originating the transaction.	03	P	9(04)	9	11
TLBACH-TLRNBR Teller ID. Teller ID originating the transaction.	03	C	X(08)	12	19
TLBACH-REFNBR Transaction Reference Number. Number is usually assigned by the controller program. If this field is zero, Transaction Gateway will read the teller record and add '1' to the last reference number stored in the Teller Record.	03	P	9(05)	20	22
TLBACH-BRNBR Branch Number. Branch number assigned to the teller or device originating the transaction.	03	P	9(05)	23	25
TLBACH-DATE Date. Date the transaction is actually requested by the device.	03	P	9(09)	26	30
TLBACH-TIME Time. Time the transaction is actually requested by the device.	03	P	9(07)	31	34
TLBACH-PROCDT Processing Date or Posting Date. Taken from the current date of the institution control record for AM transactions. For PM transactions, the next scheduled processing date is used.	03	P	9(09)	35	39
TLBACH-EXTC External Transaction Code. Sent in the standard message format. This code is used to access the internal transaction code stored in temporary storage.	03	N	9(04)	40	43
TLBACH-TRANAMT Transaction Amount.	03	P	9(15)V99	44	52
TLBACH-ACCTBK Account Institution Number.	03	N	9(04)	53	56

Field Name	Level	Mode	Picture	Displacement	
TLBACH-EXTAPPL External Application Code.	03	N	9(02)	57	58
TLBACH-ACCT Account Number.	03	P	9(18)	59	68
TLBACH-EFFDT Effective Date.	03	P	9(09)	69	73
TLBACH-CASHAMT Cash Amount. Amount of cash involved in the transaction.	03	P	9(15)V99	74	82
TLBACH-CHECKAMT Check Amount. Check amount involved in the transaction.	03	P	9(15)V99	83	91
TLBACH-FLTRTNBR Float Transit Number. Routing and transit number for the float.	03	P	9(08)	92	96
TLBACH-FLOATAMT Float Amount.	03	P	9(15)V99	97	105
TLBACH-DESC1 Description Line 1. Description Line 1 for this transaction.	03	C	X(40)	106	145
TLBACH-DESC2 Description Line 2. Description Line 2 for this transaction.	03	C	X(40)	146	185
TLBACH-ACHTRACENO ACH Trace Number.	03	P	9(15)	186	193
TLBACH-STASK-BFEED Start Task Code for Batch Feed. Valid entries are: **T** Use start task in debug mode. Sends only one transaction and passes terminal along for testing. **Y** Use start task.	03	C	X(01)	194	194
TLBACH-TSBA-FILETYPE Batch File Type.	03	C	X(01)	195	195
TLBACH-TSBA-FILESFX Batch File Suffix.	03	C	X(01)	196	196
TLBACH-TSBA-KSEQUENCE Batch Sequence Number.	03	PS	S9(18)	197	206

TLIMSG-RECORD – Internal Message Record

The following record description shows the format of the Internal Message Record. The individual message formats follow this description. The library name for this record is TLSIMSG. The maximum length of this work area is 1000 bytes.

Field Name	Level	Mode	Picture	Displacement	
TLIMSG-RECORD Internal Message Record.	01	R		1	1000
TLIM-CONSTANT Internal message header for all formats.	03	G		1	158
TLIM-CICSTC CICS Transaction Code.	05	C	X(04)	1	4
TLIM-MSGSOURCE Message Source Code. Valid entries are: **ATM** Transaction was originated at an ATM. **BFE** Transaction was originated by batch feed. **SIM** Transaction was originated at the simulator. **TEL** Transaction was originated by a manned teller device. **WIR** Transaction was originated by wire transfer.	05	C	X(04)	5	8
TLIM-TRANSLATECDE Translation Table Code. Valid entries are: ~~**b**~~ or **0** Translation table is not required. **1** Byte Conversion Table 1.	05	C	X(01)	9	9
TLIM-MSGCODE Message Code. Indicates the type of message. Valid entries are: **E** Standard Message Format. **I** Internal Message Format.	05	C	X(01)	10	10
TLIM-INST Institution Number. Institution number of the teller or ATM originating the transaction.	05	P	9(04)	11	13
TLIM-TLRNBR Teller ID. Teller ID originating the transaction.	05	C	X(08)	14	21
TLIM-REFNBR Transaction Reference Number. Number is usually assigned by the controller program. If this field is zero, Transaction Gateway will read the teller record and add '1' to the last reference number stored in the teller record.	05	P	9(05)	22	24
TLIM-BRNBR Branch Number. Branch number assigned to the teller or device originating the transaction.	05	P	9(05)	25	27

Field Name	Level	Mode	Picture	Displacement	
TLIM-TERMID	05	C	X(04)	28	31
Terminal ID.					
TLIM-DATE	05	P	9(09)	32	36
Date. Date the transaction is actually requested by the device.					
TLIM-TIME	05	P	9(07)	37	40
Time. Time the transaction is actually requested by the device.					
TLIM-PROCDT	05	P	9(09)	41	45
Processing Date or Posting Date. Taken from the current date of the institution control record for AM transactions. For PM transactions, the next scheduled processing date is used.					
TLIM-EXTC	05	N	9(04)	46	49
External Transaction Code. Sent in the standard message format. This code is used to access the internal transaction code stored in temporary storage.					
TLIM-INTC	05	N	9(04)	50	53
Internal Code. Internal transaction code for Transaction Gateway.					
TLIM-TRANAMT	05	P	9(15)V99	54	62
Transaction Amount.					
TLIM-TRANSER	05	P	9(11)	63	68
Transaction Serial Number. Serial number associated with the transaction amount.					
TLIM-LASTKEY	05	C	X(35)	69	103
Last Key. Last key that was sent in the response format. It is only sent when the resend bit or byte is turned on. When this occurs, the values in TLSR-LASTKEY or TLIR-LASTKEY are put in this field. Otherwise, this field should be initialized to blanks.					
TLIM-FORMAT	05	C	X(02)	104	105
Format. Format code of the message. Valid entries are:					
01 Teller signon/signoff, buy and sell cash.					
02 Customer/monetary transactions.					
03 Teller maintenance transactions.					
04 Teller message transactions.					
05 Cash inquiry transactions.					
06 Teller balancing transactions.					
07 Log record lookup transactions.					
11 Settlement inquiry transactions.					
TLIM-TLRCSHDWR	05	C	X(08)	106	113
Teller Cash Drawer ID. Cash drawer ID for the teller sending this message.					

Field Name	Level	Mode	Picture	Displacement	
TLIM-DRCRCD	05	C	X(01)	114	114

Debit/Credit Code. Debit/Credit code taken from copybook TLW010. Valid entries are:

- **0** Not a debit or credit transaction.
- **1** Credit transaction.
- **2** Debit correction.
- **3** Debit transaction.
- **4** Credit correction.

TLIM-ATRANAMT	05	N	9(02)	115	116

Accumulator Number Transaction Amount. Accumulator number for the transaction amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-ACASHAMT	05	N	9(02)	117	118

Accumulator Number Cash Amount. Accumulator number for the cash amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-ACASHBK	05	N	9(02)	119	120

Accumulator Number Cashback Amount. Accumulator number for the cashback amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-ACHECKAMT	05	N	9(02)	121	122

Accumulator Number Check Amount. Accumulator number for the check amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-AFEEAMT	05	N	9(02)	123	124

Accumulator Number Fee Amount. Accumulator number for the fee amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-AOFFSET	05	N	9(02)	125	126

Accumulator Number Offsetting Transaction. Accumulator number for the offsetting transaction. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIM-FILEOPTS	05	G		127	133

File Option Suffixes.

TLIM-ACCTLOGOPT	07	C	X(01)	127	127

Account Log Lookup Option Code. Valid entries are:

- **N** Account log lookup option is not in effect.
- **Y** Account log lookup option is in effect.

Field Name	Level	Mode	Picture	Displacement	
TLIM-TELR1FILESFX Primary Teller Record Suffix.	07	C	X(01)	128	128
TLIM-TELR2FILESFX Secondary Teller Record Suffix.	07	C	X(01)	129	129
TLIM-APPL1FILESFX Primary Application File Suffix.	07	C	X(01)	130	130
TLIM-APPL2FILESFX Secondary Application File Suffix.	07	C	X(01)	131	131
TLIM-ACCT1FILESFX Primary Account File Suffix.	07	C	X(01)	132	132
TLIM-ACCT2FILESFX Secondary Account File Suffix.	07	C	X(01)	133	133
TLIM-TQTRANSEC Security level of the transaction code as found in temporary storage.	05	N	9(01)	134	134
TLIM-INFBYTEM01 First Information Byte. First information byte on incoming messages.	05	G		135	140
TLIM-MPMTRAN PM Transaction. Indicates whether the transaction is AM or PM. Valid entries are: **0** AM transaction. **1** PM transaction.	07	N	9(01)	135	135
TLIM-MOFFLINE Offline Code. Indicates whether the transaction was authorized when the host was not available. Valid entries are: **0** Host is available **1** Host is not available.	07	N	9(01)	136	136
TLIM-MFORCE Teller Force Code. Indicates whether the transaction has a teller force in effect. Valid entries are: **0** Teller force is not in effect. **1** Teller force is in effect.	07	N	9(01)	137	137
TLIM-MOVERRIDE Supervisor Override Code. Indicates whether the transaction has a supervisor override in effect. Valid entries are: **0** Supervisor override is not in effect. **1** Supervisor override is in effect.	07	N	9(01)	138	138

Field Name	Level	Mode	Picture	Displacement	
TLIM-MPASSBOOK	07	N	9(01)	139	139

Passbook Code. Indicates whether the passbook was present for this transaction. Valid entries are:

- **0** Passbook is not present for this transaction.
- **1** Passbook is present for this transaction.

TLIM-MNOBALN	07	N	9(01)	140	140

No Balance. Indicates whether the application processed is on the Balance Record. Valid entries are:

- **0** Application is on the Balance Record.
- **1** Application is not on the Balance Record.

TLIM-INFBYTEM02	05	G		141	146

Second Information Byte. Second information byte for the incoming message.

TLIM-MTLRBYPAS	07	N	9(01)	141	141

Teller Bypass. Indicates whether the transaction should bypass teller security and cash drawer updating. Valid entries are:

- **0** Do not bypass security and cash drawer updating.
- **1** Bypass security and cash drawer updating.

TLIM-MCORRECT	07	N	9(01)	142	142

Correction Code. Indicates whether the transaction is a correction to a previous transaction. Valid entries are:

- **0** Not a correcting transaction.
- **1** Correcting transaction.

TLIM-MATMFLAG	07	N	9(01)	143	143

ATM Flag. Indicates whether the transaction was originated by an ATM. Valid entries are:

- **0** Transaction was not originated by an ATM.
- **1** Transaction was originated by an ATM.

TLIM-MSIMULATOR	07	N	9(01)	144	144

Simulator Code. Indicates whether the transaction was originated by the Simulator. Valid entries are:

- **0** Transaction was not originated by the simulator.
- **1** Transaction was originated by the simulator.

TLIM-MPROPATM	07	N	9(01)	145	145

Proprietary ATM. Indicates whether the ATM is a proprietary ATM. Valid entries are:

- **0** ATM is not a proprietary ATM.
- **1** ATM is a proprietary ATM.

TLIM-MNOTICEIND	07	N	9(01)	146	146

Notice Indicator. Indicates whether the Regulation CC Notice was printed. Valid entries are:

- **0** Regulation CC Notice was not printed.
- **1** Regulation CC Notice was printed.

TLIM-INFBYTEM03	05	G		147	152

Third information byte in the incoming message.

Field Name	Level	Mode	Picture	Displacement	
TLIM-MFLTOVRIDE	07	N	9(01)	147	147

Float Override. Indicates whether any EFAS decision regarding float should be overridden. Valid entries are:

- **0** Do not override EFAS decisions.
- **1** Override EFAS decision.

TLIM-MIS-REFRESH	07	N	9(01)	148	148

Refresh Code. Indicates whether this is a refresh transaction – do not log. Valid entries are:

- **0** Transaction is not a refresh transaction.
- **1** Transaction is a refresh transaction.

Note: This field and the next two fields are set internally. When interfacing with program TLL200, set them to **0**. Entering a **1** in these fields could cause processing problems.

TLIM-MDURING-REFRESH	07	N	9(01)	149	149

During Refresh. Indicates whether this transaction was processed during refresh. Valid entries are:

- **0** Transaction was not processed.
- **1** Transaction was processed.

TLIM-MDURING-FORWARD	07	N	9(01)	150	150

During Forwarding. Indicates whether this transaction was processed during forwarding. Valid entries are:

- **0** Transaction was not processed.
- **1** Transaction was processed.

TLIM-M017	07	N	9(01)	151	151

Reserved for future use.

TLIM-M018	07	N	9(01)	152	152

Reserved for future use.

TLIM-USERBYTEM01	05	G		153	153

First user byte in the incoming message.

TLIM-UBM001	07	N	9(01)	153	153

User-defined area.

TLIM-UBM002	07	N	9(01)	154	154

User-defined area.

TLIM-UBM003	07	N	9(01)	155	155

User-defined area.

TLIM-UBM004	07	N	9(01)	156	156

User-defined area.

Field Name	Level	Mode	Picture	Displacement	
TLIM-UBM005 User-defined area.	07	N	9(01)	157	157
TLIM-UBM006 User-defined area.	07	N	9(01)	158	158
TLIM-DATA Data Area. Redefined for each format.	03	G		1159	1000
FILLER Record Data.	05	C	X(829)	159	987
TLIM-STASK-BFEED Start Task Code for Batch Feed. Valid entries are: **T** Use start task in debug mode. Sends only one transaction and passes terminal along for testing. **Y** Use start task.	05	C	X(01)	988	988
TLIM-TSBA-FILETYPE Batch File Type.	05	C	X(01)	989	989
TLIM-TSBA-FILESFX Batch File Suffix.	05	C	X(01)	990	990
TLIM-TSBA-KSEQUENCE Batch Sequence Number.	05	PS	S9(18)	991	1000

TLIM-DATA01 – Internal Message Data Format 01

This is the data area for Internal Message Data Format 01. This format is used for teller signon/signoff and buy and sell cash transactions. The library name for this area is TLSIM01.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA01 Internal Message Data Format 01 Record.	01	R		1	40
TLIM-01CSHDWR Cash Drawer ID. Cash drawer ID used by the teller to sign on or sign off.	05	C	X(08)	1	8
TLIM-01TLRPASS Teller Password.	05	C	X(08)	9	16
TLIM-01SUPVNBR Supervisor ID.	05	C	X(08)	17	24
TLIM-01NEWPASS Supervisor Password.	05	C	X(08)	25	32
TLIM-01TLRNBR2 Alternate Teller ID.	05	C	X(08)	33	40

TLIM-DATA02 – Internal Message Data Format 02

This is the data area for Internal Message Format 02. This format is used for teller customer type transactions. The library name for this area is TLSIM02.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA02	01	R		1	695
Internal Message Data Format 02 Record.					
TLIM-02TQAPPLPGRM	05	C	X(08)	1	8
Application Program. Application interface program name was found in temporary storage.					
TLIM-02TQEFAPGRM	05	C	X(08)	9	16
EFAS Program Name. EFAS interface program name.					
TLIM-02TQCTRANPGRM	05	C	X(08)	17	24
Cashtran Program Name. Program name for interfacing with Cashtran.					
TLIM-02TQINTERBK	05	P	9(04)	25	27
Institution Number for Interbank Processing.					
TLIM-02TQAVLFLG	05	C	X(01)	28	28

Indicates status of the application. Valid entries are:

- **A** Application was available. (This is for applications that are not on the Balance Record.)
- **F** Application is not available for authorization because forward processing is in progress. (This is for applications that are on the Balance Record.)
- **G** Application is not available for authorization because forward processing is in progress. (This is for applications that are not on the Balance Record.)
- **N** There is no application authorized from the Balance Record.
- **P** Authorize the transaction if the transaction completes successful message editing. (The application does not have a master record and is not kept on the Balance Record.)
- **S** Application is not available for processing because it is in the storing mode. (This is for applications that are on the Balance Record.)
- **U** Application is not available for processing because it is in the storing mode. (This is for applications that are not on the Balance Record.)
- **Y** Application is available for authorization. (This is for applications that are on the Balance Record.)

TLIM-02TQAUTOLKUP	05	C	X(01)	29	29

Auto Lookup. Indicates whether the institution has selected automatic lookup of stops and cautions. Valid entries are:

- **N** Institution has declined to automatically lookup stops and cautions.
- **Y** Institution has decided to automatically lookup stops and cautions.

TLIM-02TQLKUPVAR	05	PS	S99V99	30	32

Lookup Variance. Variance to be added and subtracted from the check amount to consider it a match on the check amount.

Field Name	Level	Mode	Picture	Displacement	
TLIM-02TQREJSTOPS	05	C	X(01)	33	33

Reject Stops. Option to reject a transaction with a check if stops are present. Valid entries are:

- **N** Do not reject debit transactions.
- **Y** Reject debit transactions.

TLIM-02TQREJCAUT	05	C	X(01)	34	34

Reject Cautions. Option to reject a transaction with a check if cautions are present. Valid entries are:

- **N** Do not reject debit transactions.
- **Y** Reject debit transactions.

TLIM-02TQREJASGN	05	C	X(01)	35	35

Reject Assignments. Option to reject a transaction with a check if assignments are present. Valid entries are:

- **N** Do not reject debit transactions.
- **Y** Reject debit transactions.

TLIM-02TQILREJSTOPS	05	C	X(01)	36	36

Reject Stops. Indicates to reject debit transactions when the account has stop payments on record. Valid entries are:

- **N** Does not allow the automatic rejection of an advance transaction if a stop is present.
- **Y** Allows the automatic rejection of an advance transaction if a stop is present.

TLIM-02TQNBKOCR	05	N	9(02)	37	38

Not-booked Occurrence. Number of not-booked transactions to be sent in any passbook update transaction or passbook inquiry.

TLIM-02TQUSER	05	C	X(02)	39	40

User area found in temporary storage taken from MICM Record 0151.

TLIM-02TQSFOPT	05	C	X(01)	41	41

Store-and-Forward Option. Institution decision on the use of store-and-forward processing. Valid entries are:

- **N** Store-and-forward processing is not used.
- **Y** Store-and-forward processing is used.

TLIM-02TQCRLINEOPT	05	C	X(01)	42	42

Credit Line Option. Indicates whether to include the Credit Line Balance to the Available Balance for withdrawal authorization. Valid entries are:

- **N** Do not add the credit line balance field to the available balance field for withdrawal authorization.
- **Y** Add the credit line balance field to the available balance field for withdrawal authorization.

Field Name	Level	Mode	Picture	Displacement	
TLIM-02TQOPENACCTOPT	05	C	X(01)	43	43

Open Account Option. The new account deposit transaction verifies that the account exists on the application's master record if the Open Deposit field is 'Y' on the MICM Record 0150. If the account does not exist and the option is 'Y', the transaction is rejected. Valid entries are:

N New account does exist.
Y New account does not exist.

Note: This transaction will also be rejected if the effective date does not match the institution's current processing date or if the effective date is invalid.

TLIM-02TQAPPLEXTC	05	N	9(04)	44	47

Application External Code. Application external transaction code, as indicated in MICM Record 0151.

TLIM-02TQAPPLINTC	05	N	9(04)	48	51

Application Internal Code. Application internal transaction code, as indicated in MICM Record 0151.

TLIM-02TQEFAOPT	05	C	X(01)	52	52

EFAS Option. Indicates whether to interface CA-Infopoint EFAS with the online. Valid entries are:

N No.
Y Yes.

TLIM-02APPLACCT	05	G		53	70

Primary Application/Account Area.

TLIM-02ACCTBK	07	N	9(04)	53	56

Primary Account Institution Number.

TLIM-02EXTAPPL	07	N	9(02)	57	58

External Application Code.

TLIM-02INTAPPL	07	N	9(02)	59	60

Internal Application Code. Code that originates in the temporary storage area of MICM Record 0211.

TLIM-02ACCT	07	P	9(18)	61	70

Account Number.

TLIM-02ALTAPPLACCT	05	G		71	88

Secondary Application/Account Area.

TLIM-02ALTACCTBK	07	N	9(04)	71	74

Alternate Account Institution. Secondary account institution number.

TLIM-02ALTEXTAPPL	07	N	9(02)	75	76

External Application Code.

Field Name	Level	Mode	Picture	Displacement	
TLIM-02ALTINTAPPL	07	N	9(02)	77	78
Alternate Internal Application. Internal application code originates in the temporary storage area of MICM Record 0211.					
TLIM-02ALTACCT	07	P	9(18)	79	88
Alternate Account. Secondary account number.					
TLIM-02PIN	05	P	9(09)	89	93
Personal Identification Number (PIN).					
TLIM-02CASHAMT	05	P	9(15)V99	94	102
Cash Amount. Cash amount involved in the transaction.					
TLIM-02CASHBK	05	P	9(15)V99	103	111
Cashback. Cashback amount involved in the transaction.					
TLIM-02CHECKAMT	05	P	9(15)V99	112	120
Check Amount. Check amount involved in the transaction.					
TLIM-02CHKSERIAL	05	P	9(11)	121	126
Check Serial Number. Serial number of the check involved in the transaction.					
TLIM-02HOLDAMT	05	P	9(15)V99	127	135
Hold Amount. Hold amount for the transaction.					
TLIM-02HOLDDAYS	05	P	9(03)	136	137
Number of Hold Days.					
TLIM-02FEEAMT	05	P	9(15)V99	138	146
Fee Amount. Fee amount involved in the transaction.					
TLIM-02EFFDT	05	P	9(09)	147	151
Effective Date. Effective date of transaction.					
TLIM-02MBOOKBAL	05	PS	S9(15)V99	152	160
Passbook Balance. Balance is checked against the passbook balance on the Balance Record for accuracy.					
TLIM-02SUPVNBR	05	C	X(08)	161	168
Supervisor ID.					
TLIM-02NEWPASS	05	C	X(08)	169	176
Supervisor Password.					
TLIM-02COSTCTR	05	P	9(15)	177	184
Cost Center. Cost center number for this transaction.					

Field Name	Level	Mode	Picture	Displacement	
TLIM-02DESC1 Description Line 1.	05	C	X(40)	185	224
TLIM-02DESC2 Description Line 2.	05	C	X(40)	225	264
TLIM-02SOCSEC Social Security. Social security number for the transaction.	05	P	9(09)	265	269
TLIM-02RTRNBR Routing and Transit Number for the Transaction.	05	P	9(08)	270	274
TLIM-02TRANSEQ Transaction Sequence. Transaction sequence number entered for Infopoint Time Investment.	05	P	9(05)	275	277
TLIM-02ACHTRACENO ACH Trace Number.	05	P	9(15)	278	285
TLIM-02SRINPUT Source Input. Source of input.	05	P	9(04)	286	288
TLIM-02LPRINAMT Loan Principal Amount. Loan principal amount of the transaction.	05	P	9(15)V99	289	297
TLIM-02LINTAMT Loan Interest Amount. Loan interest amount of the transaction.	05	P	9(15)V99	298	306
TLIM-02LESCROWAMT Loan Escrow Amount. Loan escrow amount of the transaction.	05	P	9(15)V99	307	315
TLIM-02CLOANSAREA Commercial Loans Area. Information for the commercial loan area.	05	G		316	335
TLIM-02COMMITNBR Commitment Number. Commitment number associated with the commercial loan account.	07	P	9(18)	316	325
TLIM-02NOTENBR Note Number. Note number associated with the commercial loan account.	07	P	9(18)	326	335
TLIM-02ILOANSAREA Installment Loan Area.	05	G		336	341
TLIM-02CLASSFLD Class Field. Class associated with the installment loan account.	07	N	9(03)	336	338
TLIM-02PAYBYCDE Pay-by Code.	07	N	9(02)	339	340

Field Name	Level	Mode	Picture	Displacement	
TLIM-02PAYOFFCDE	07	C	X(01)	341	341

Payoff Code. Payoff code for installment loans. Valid entries are:

- **b** Normal payment.
- **X** Payoff payment.

TLIM-02FLOAT	05	G		342	461

OCCURS 5 TIMES. Float Information Area.

TLIM-02FLTRTNBR	07	P	9(08)	342	346

Routing and Transit Number. Routing and transit number associated this occurrence of float. Number is used to look up MICM Record 0134 information kept in temporary storage.

TLIM-02FLOATAMT	07	P	9(15)V99	347	355

Float Amount.

TLIM-02134SORTCFLT	07	N	9(02)	356	357

Sort Customer Float. Customer float sent in the message or taken from temporary storage for MICM Record 0134.

TLIM-02134SORTBFLT	07	N	9(02)	358	359

Sort Institution Float. Institution float sent in the message or taken from temporary storage for MICM Record 0134.

TLIM-02134ITEMTYPE	07	N	9(02)	360	361

Item Type Number. This number can be sent by the message or taken from temporary storage for MICM Record 0134.

TLIM-02ITMCNT	07	P	9(07)	362	365

Item Count.

TLIM-02USERAREA1	05	C	X(18)	462	479

User Area 1. User-defined.

TLIM-02USERAREA2	05	C	X(18)	480	497

User Area 2. User-defined.

TLIM-02BONDS	05	G		498	686

Bonds. Bond information used to create tape for the federal government.

TLIM-02BOWNER	07	C	X(28)	498	525

Bond Owner. Bond owner's name.

TLIM-02BNINDEX	07	C	X(30)	526	555

Name Index. Last name of the bond owner.

Field Name	Level	Mode	Picture	Displacement	
TLIM-02BADDR1	07	C	X(28)	556	583

Mailing Address Line 1. Mailing address line 1 or care-of name (corresponds with TLIM-02BDELIVECD).

TLIM-02BADDR2	07	C	X(28)	584	611

Mailing Address Line 2. Mailing address line 2 (for bond delivery).

TLIM-02BCITY	07	C	X(20)	612	631

Bond City. City for bond delivery.

TLIM-02BSTATE	07	C	X(02)	632	633

Bond State. State for bond delivery.

TLIM-02BZIP	07	P	9(09)	634	638

Bond ZIP. ZIP code for bond delivery. The five-digit ZIP code should be left justified, with trailing zeros if needed.

TLIM-02BCOWNER	07	C	X(28)	639	666

Bond Co-owner. Second named person on bond.

TLIM-02BDELIVECD	07	N	9(01)	667	667

Delivery Code. Indicates where to mail the bond. Valid entries are:

- **2** Mail bond to owner.
- **3** Mail bond to care-of address indicated in TLIM-02BADDR1.

TLIM-02BCONTYPE	07	C	X(03)	668	670

Co-owner Payment Type Code. Valid entries are:

- **~~b~~** Bond owner only.
- **OR** Bond owner or second named person.
- **POD** Payment on death to second named person.

TLIM-02BD50S	07	P	9(03)	671	672

Fifties. Fifty-dollar denomination field.

TLIM-02BD75S	07	P	9(03)	673	674

Seventy-fives. Seventy-five dollar denomination field.

TLIM-02BD100S	07	P	9(03)	675	676

One-hundreds. One-hundred dollar denomination field.

TLIM-02BD200S	07	P	9(03)	677	678

Two-hundreds. Two-hundred dollar denomination field.

TLIM-02BD500S	07	P	9(03)	679	680

Five-hundreds. Five-hundred dollar denomination field.

Field Name	Level	Mode	Picture	Displacement	
TLIM-02BD1000S	07	P	9(03)	681	682
One-thousands. One-thousand dollar denomination field.					
TLIM-02BD5000S	07	P	9(03)	683	684
Five-thousands. Five-thousand dollar denomination field.					
TLIM-02BD10000S	07	P	9(03)	685	686
Ten-thousands. Ten-thousand dollar denomination field.					
TLIM-02CKSOUT	05	P	S9(15)V99	687	695

TLIM-DATA03 – Internal Message Data Format 03

This is the data area for Internal Message Data Format 03. This format is used for teller maintenance transactions. The library name for this area is TLSIM03.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA03	01	R		1	78
Internal Message Data Format 03 Record.					
TLIM-03INST	05	P	9(04)	1	3
Institution Number. Institution number for the new or changed teller.					
TLIM-03TLRNBR	05	C	X(08)	4	11
Teller ID. Teller ID for the new or changed teller.					
TLIM-03SECURITY	05	N	9(01)	12	12
Security. New or changed security level. Valid entries are:					
1 Trainee teller.					
2 Regular teller.					
3 Supervisor.					
4 – 8 Officer.					
TLIM-03PASSWORD	05	C	X(08)	13	20
Password. New or changed teller password.					
TLIM-03NAME	05	C	X(40)	21	60
Teller Name. New or changed name of the teller.					
TLIM-03MINCSH	05	P	9(15)	61	68
Minimum Cash. New or changed minimum cash amount that the teller is allowed.					
TLIM-03MAXCSH	05	P	9(15)	69	76
Maximum Cash. New or changed maximum cash amount that the teller is allowed.					
TLIM-03TESTCD	05	C	X(01)	77	77
Test Code. New or changed test code for the teller. Valid entries are:					
N Teller is not in test mode.					
Y Teller is in test mode.					
TLIM-03ATMCD	05	C	X(01)	78	78
ATM Code. New or changed ATM code for the teller. Valid entries are:					
N Teller is not an ATM.					
Y Teller is an ATM.					

TLIM-DATA04 – Internal Message Data Format 04

This is the data area for Internal Message Data Format 04. This format is used to input teller messages or request alert messages. The library name for this area is TLSIM04.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA04 Internal Message Data Format 04 Record.	01	R		1	52
TLIM-04ALTINST Alert Institution Number. Institution number of the teller sending the alert message. This number is also the institution number of the teller displaying the alert message.	05	P	9(04)	1	3
TLIM-04ALTLRNBR Alert Teller ID. Teller ID of the teller sending the alert message or displaying the alert message.	05	C	X(08)	4	11
TLIM-04MSGPRTY Message Priority. Priority level of the message.	05	C	X(01)	12	12
TLIM-04EFFDTE Effective Date. Effective date of message.	05	P	9(09)	13	17
TLIM-04PRGDTE Purge Date. Purge date for the message.	05	P	9(09)	18	22
TLIM-04TLRMSG Message Text.	05	C	X(30)	23	52

TLIM-DATA05 – Internal Message Data Format 05

This is the data area for Internal Message Data Format 05. This format is used for cash inquiry transactions. The library name for this area is TLSIM05.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA05 Internal Message Data Format 05 Record.	01	R		1	25
TLIM-05INST Institution Number. Institution number for cash inquiry.	05	P	9(04)	1	3
TLIM-05BRNBR Branch Number. Branch number for the cash inquiry. This field is not required for a specific teller cash inquiry.	05	P	9(05)	4	6
TLIM-05TLRNBR Teller ID. Teller ID for the cash inquiry.	05	C	X(08)	7	14
TLIM-05CDRWR Cash Drawer ID. Cash drawer ID for cash inquiry.	05	C	X(08)	15	22
TLIM-05RTNCNT Return Count.	05	N	9(02)	23	24
TLIM-05TOTCODE Total Code. Valid entries are: **C** Return all cash drawer records. **D** Return totals only.	05	C	X(01)	25	25

TLIM-DATA06 – Internal Message Data Format 06

This is the data area for Internal Message Data Format 06. This format is used for counting cash balancing transactions. The library name for this area is TLSIM06.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA06 Internal Message Data Format 06 Record.	01	R		1	146
TLIM-06BWRBILLS Wrapped Bills. Amount in wrapped bills, expressed in whole dollars.	05	P	9(15)	1	8
TLIM-06BTHOUS Thousands. Number of thousand-dollar bills.	05	P	9(15)	9	16
TLIM-06BHUNDS Hundreds. Number of hundred-dollar bills.	05	P	9(15)	17	24
TLIM-06BFIFTS Fifties. Number of fifty-dollar bills.	05	P	9(15)	25	32
TLIM-06BTWENS Twenties. Number of twenty-dollar bills.	05	P	9(15)	33	40
TLIM-06BTENS Tens. Number of ten-dollar bills.	05	P	9(15)	41	48
TLIM-06BFIVES Fives. Number of five-dollar bills.	05	P	9(15)	49	56
TLIM-06BTWOS Twos. Number of two-dollar bills.	05	P	9(15)	57	64
TLIM-06BONES Ones. Number of one-dollar bills.	05	P	9(15)	65	72
TLIM-06BOBILLS Other Bills. Amount in other bills, expressed in whole dollars.	05	P	9(15)	73	80
TLIM-06BRCOINS Rolled Coins. Amount in rolled coins, expressed in dollars and cents.	05	P	9(15)V99	81	89
TLIM-06BDOLLS Dollar Coins. Amount in dollar coins.	05	P	9(15)	90	97
TLIM-06BHALVS Half-Dollars. Amount in half-dollar coins, expressed in dollars and cents.	05	P	9(15)	98	105

Field Name	Level	Mode	Picture	Displacement	
TLIM-06BQTRS	05	P	9(15)	106	113
Quarters. Amount in quarters, expressed in dollars and cents.					
TLIM-06BDIMES	05	P	9(15)	114	121
Dimes. Amount in dimes, expressed in dollars and cents.					
TLIM-06BNICKS	05	P	9(15)	122	129
Nickels. Amount in nickels, expressed in dollars and cents.					
TLIM-06BPENNS	05	P	9(15)	130	137
Pennies. Amount in pennies, expressed in dollars and cents.					
TLIM-06BOCOINS	05	P	9(15)V99	138	146
Other Coins. Amount in other coins, expressed in dollars and cents.					

TLIM-DATA07 – Internal Message Data Format 07

This is the data area for Internal Message Data Format 07. This format is used for Log Record lookup. The library name for this area is TLSIM07.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA07 Internal Message Data Format 07 Record.	01	R		1	39
TLIM-07INST Institution Number. Institution number for log lookups by teller.	05	P	9(04)	1	3
TLIM-07TLRNBR Teller ID. Teller ID for log lookups by teller.	05	C	X(08)	4	11
TLIM-07DATE Date. Date to start the log lookup.	05	P	9(09)	12	16
TLIM-07TIME Time. Time to start the log lookup.	05	P	9(07)	17	20
TLIM-07REFNBR Reference Number. Reference number to start the log lookup.	05	P	9(05)	21	23
TLIM-07APPLACCT Application Account. Account number for log lookup.	05	G		24	39
TLIM-07ACCTBK Account Institution Number.	07	N	9(04)	24	27
TLIM-07APPL Application. External application number of the account.	07	N	9(02)	28	29
TLIM-07ACCT Account Number.	07	P	9(18)	30	39

TLIM-DATA11 – Internal Message Data Format 11

This is the data area for Internal Message Data Format 11. This format is used for settlement transactions. The library name for this area is TLSIM11.

Field Name	Level	Mode	Picture	Displacement	
TLIM-DATA11	01	R		1	17

Internal Message Data Format 11 Record.

TLIM-11INST	05	P	9(04)	1	3

Institution Number. Institution number for which settlement information is requested. It forms part of the key needed to read the Settlement Record.

TLIM-11BRNBR	05	P	9(05)	4	6

Branch Number. Branch number for which settlement information is requested. It forms part of the key needed to read the Settlement Record. It is not required for institution settlement requests.

TLIM-11TLRNBR	05	C	X(08)	7	14

Teller ID. Teller ID for which settlement information is requested. It forms part of the key needed to read the Settlement Record. It is not required for branch settlement requests.

TLIM-11TYPESW	05	C	X(01)	15	15

Type Switch. Type switch code used to request a specific type of accumulator. The actual type is indicated in TLIM-11TYPE. Valid entries are:

- **N** No.
- **Y** Yes.

TLIM-11TYPE	05	C	X(01)	16	16

Accumulator Type Requested. Corresponds to the type entered on MICM Form 0244. Valid entries are **1** – **9**.

TLIM-11AMPMINDR	05	C	X(01)	17	17

AM/PM Indicator. Indicates the type of Settlement Record to access. Valid entries are:

- **A** AM Settlement Record.
- **P** PM Settlement Record.

Chapter

6

Internal Responses

This chapter contains the formats for the responses that the transaction processor program sends to the host control program(s).

The internal response is started from the standard message, and the internal message and response format is sent through the system. Information regarding the processing of the transaction is kept in the internal response that is used to create the standard response. When using program TLL090, these formats are necessary to communicate with program TLL200.

Note: The various interface programs must be modified to build these messages before linking to the transaction processor.

Record Descriptions

This section contains detailed record layouts. All subsequent occurrences of that record refer to the original description. When two records have the same format but different names, both record names are given, referring to the record that contains the field descriptions. Occasionally, a single record is divided into multiple records, using a redefines clause. When this occurs, each redefinition is preceded by a record description, as if it were an independent record.

The records are listed in alphabetical order. The record descriptions are detailed by field. Each field is described by the following headings:

Field Name Actual COBOL name used in the record.

Level Level number of the field, as assigned in the COBOL record.

Mode Type of field defined. The following codes are used:

- **B** Binary data only. Refers to COMPUTATIONAL halfword (2-byte), fullword (4-byte) and doubleword (8-byte) fields. Fields can be signed or unsigned.
- **C** Character or alphanumeric data.
- **G** Group. Field represents a combination of fields immediately following it.
- **N** Numeric data only.
- **NS** Numeric data with sign.
- **P** Packed numeric data. Refers to unsigned COMPUTATIONAL-3 fields.
- **PS** Packed numeric data with sign. Refers to signed COMPUTATIONAL-3 fields.
- **R** Record. The first field in the record usually represents the entire record.

Picture COBOL format of the field indicating the field's content, length, whether it is signed or unsigned, and decimal position.

Displacement Starting and ending position of the field. The first position used is '1'. If the field is defined with an OCCURS clause, the displacement is represented in one of two ways. When the field has a mode of 'G', the displacement represents the total length of the field multiplied by the number of occurrences. For all other modes, the displacement represents the length of the first occurrence of the field. When a field has a variable length, a 'V' is placed in the second, or ending, position of the displacement.

TLIRSP-RECORD – Internal Response Record

The following record description shows the format of the Internal Response Record. The individual response formats follow this description. The library name for this record is TLSIRSP. The maximum length of this work area is 1796 bytes.

Field Name	Level	Mode	Picture	Displacement	
TLIRSP-RECORD Internal Response Record.	01	R		1	1796
TLIR-CONSTANT Constant data for all response formats.	03	G		1	95
TLIR-RETURN Return Code. Error return code.	05	B	S9(04)	1	2
TLIR-TRACE Trace Code. Trace code to find error in program.	05	B	S9(04)	3	4
TLIR-PROGRAM Program. Program name where the error was found.	05	C	X(08)	5	12
TLIR-INTC Internal Transaction Code. Internal transaction code from TLIM-INTC.	05	N	9(04)	13	16
TLIR-INFBYTER01 Information Byte Return 1. First information byte in all responses.	05	G		17	22
TLIR-RREJECT Reject Reason. Indicates whether the transaction was rejected. Valid entries are: **0** Transaction was not rejected. **1** Transaction was rejected.	07	N	9(01)	17	17
TLIR-RINST Reject Institution Number. Indicates whether the transaction was rejected because of the institution number. Valid entries are: **0** Institution number was valid. **1** Institution number was invalid.	07	N	9(01)	18	18
TLIR-RBRNBR Reject Branch Number. Indicates whether the branch number was invalid. Valid entries are: **0** Branch number was valid. **1** Branch number was invalid.	07	N	9(01)	19	19
TLIR-RTERMNBR Reject Terminal Number. Indicates whether the terminal ID was valid. Valid entries are: **0** Terminal ID was valid. **1** Terminal ID was invalid.	07	N	9(01)	20	20

Field Name	Level	Mode	Picture	Displacement	
TLIR-REXTC	07	N	9(01)	21	21

Reject External Transaction Code. Indicates whether the external transaction code was valid. Valid entries are:

- **0** External transaction code was valid.
- **1** External transaction code was invalid.

TLIR-REXTAPPL	07	N	9(01)	22	22

Reject External Application Code. Indicates whether the external application code was valid. Valid entries are:

- **0** External application code was valid.
- **1** External application code was invalid.

TLIR-INFBYTER02	05	G		23	28

Information Byte Return 2. Second information returned in the constant data area.

TLIR-RRESEND	07	N	9(01)	23	23

Resend Code. Indicates whether the transaction should be resubmitted. If updating the passbook, the original transaction should be submitted with the passbook balance updated. In all cases, the LASTKEY field in the response should be returned in the LASTKEY field of the message. Valid entries are:

- **0** Resend the transaction is not requested.
- **1** Resend the transaction is requested.

TLIR-RFORMAT	07	N	9(01)	24	24

Response Format. Indicates whether the message format is valid. Valid entries are:

- **0** Message format is valid.
- **1** Message format is invalid.

TLIR-RTRANAMT	07	N	9(01)	25	25

Response Transaction Amount. Indicates whether the transaction amount is valid. Valid entries are:

- **0** Transaction amount is valid.
- **1** Transaction amount is invalid.

TLIR-RTRANSER	07	N	9(01)	26	26

Response Transaction Serial. Indicates whether the transaction serial field is valid. Valid entries are:

- **0** Transaction serial field is valid.
- **1** Transaction serial field is invalid.

TLIR-RSYSDWN	07	N	9(01)	27	27

System Down. Indicates whether the Transaction Gateway application is down. This field is set whenever temporary storage cannot be built or a file I/O error has been detected on a record. Valid entries are:

- **0** Application is not down.
- **1** Application is down.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RMSGWTG	07	N	9(01)	28	28

Message Waiting. Indicates whether the teller has alert messages to view. Valid entries are:

0 Alert messages do not exist for viewing.
1 Alert messages exist and require viewing.

TLIR-INFBYTER03	05	G		29	34

Information Byte Return 3. Third information byte returned in the constant data area.

TLIR-RTLRNBR	07	N	9(01)	29	29

Teller ID. Indicates whether the teller ID is valid. Valid entries are:

0 Teller ID is valid.
1 Teller ID is invalid.

TLIR-RTLRPASS	07	N	9(01)	30	30

Teller Password. Indicates whether the teller password is valid. Valid entries are:

0 Teller password is valid.
1 Teller password is invalid.

TLIR-RTLRSTAT	07	N	9(01)	31	31

Teller Status. Indicates whether the teller status is valid. Valid entries are:

0 Teller status is valid.
1 Teller status is invalid.

TLIR-RSUPVNBR	07	N	9(01)	32	32

Supervisor ID. Indicates whether the supervisor ID is valid. Valid entries are:

0 Supervisor ID is valid.
1 Supervisor ID is invalid.

TLIR-RSUPVPASS	07	N	9(01)	33	33

Supervisor Password. Indicates whether the supervisor password is valid. Valid entries are:

0 Supervisor password is valid.
1 Supervisor password is invalid.

TLIR-RSUPVSTAT	07	N	9(01)	34	34

Supervisor Status. Indicates whether the supervisor status is valid. Valid entries are:

0 Supervisor status is valid.
1 Supervisor status is invalid.

TLIR-INFBYTER04	05	G		35	40

Information Byte Return 4. Fourth information byte returned in the constant data area response.

TLIR-RCSHNBR	07	N	9(01)	35	35

Cash Drawer ID. Indicates whether the cash drawer ID is invalid. Valid entries are:

0 Cash drawer ID is valid.
1 Cash drawer ID is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RCASHSTAT	07	N	9(01)	36	36

Cash Drawer Status. Indicates whether the cash drawer status is invalid. Valid entries are:

- **0** Cash drawer status is valid.
- **1** Cash drawer status is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RTLRCSH	07	N	9(01)	37	37

Cash Drawer Record. Indicates whether the teller ID agrees with the teller ID stored in the Cash Record. Valid entries are:

- **0** Teller ID does not conflict.
- **1** Teller ID conflicts.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RINTC	07	N	9(01)	38	38

Internal Transaction Code. Indicates whether the internal transaction code is valid. Valid entries are:

- **0** Internal transaction code is valid.
- **1** Internal transaction code is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RDATASW	07	N	9(01)	39	39

Indicates whether the data in the message was not present and is required for the transaction to be processed or whether data was in the message and is not allowed in order for the transaction to be processed. Valid entries are:

- **0** Data is valid.
- **1** Data is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RINVCOR	07	N	9(01)	40	40

Invalid Correction. Indicates whether the correction attempted is valid. Valid entries are:

- **0** Correction is valid.
- **1** Correction is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-INFBYTER05	05	G		41	46

Information Byte Return 5. Fifth information byte that is sent in the constant data area of the response.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RSECURITY	07	N	9(01)	41	41

Security Level. Indicates whether the teller security level is equal to or greater than the security required for the transaction. Valid entries are:

- **0** Teller security is valid.
- **1** Teller security is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RSTCSH	07	N	9(01)	42	42

Starting Cash. Indicates whether the teller starting cash at signon time matches the cash drawer record. Valid entries are:

- **0** Starting cash matches the cash drawer record.
- **1** Starting cash does not match the cash drawer record.

Field Name	Level	Mode	Picture	Displacement	
TLIR-RENDCSH	07	N	9(01)	43	43

Ending Cash. Indicates whether the teller ending cash at signoff time matches the cash drawer record. Valid entries are:

- **0** Ending cash matches the cash drawer record.
- **1** Ending cash does not match the cash drawer record.

TLIR-RDUPSTCSH	07	N	9(01)	44	44

Duplicate Starting Cash. Indicates this is a duplicate starting cash transaction. Once processing has begun and the teller has entered monetary transactions, a starting cash transaction cannot be sent. Valid entries are:

- **0** Transaction is not a duplicate starting cash.
- **1** Transaction is a duplicate starting cash.

TLIR-RTLRNBR2	07	N	9(01)	45	45

Teller ID 2. Indicates whether the second teller ID is valid. Valid entries are:

- **0** Second teller ID is valid.
- **1** Second teller ID is invalid.

TLIR-RCROSSFOOT	07	N	9(01)	46	46

Crossfoot. Indicates whether the transaction did not crossfoot properly. The cash amount field plus the check amount field minus the cashback amount field must equal the transaction amount field. Valid entries are:

- **0** Crossfooting was valid.
- **1** Crossfooting was invalid.

TLIR-USERBYTER01	05	G		47	52

User Byte Response 1. First user information byte returned in the constant data area of the response.

TLIR-UBR001	07	N	9(01)	47	47

User Area. Valid entries are **0** and **1**.

TLIR-UBR002	07	N	9(01)	48	48

User Area. Valid entries are **0** and **1**.

TLIR-UBR003	07	N	9(01)	49	49

User Area. Valid entries are **0** and **1**.

TLIR-UBR004	07	N	9(01)	50	50

User Area. Valid entries are **0** and **1**.

TLIR-UBR005	07	N	9(01)	51	51

User Area. Valid entries are **0** and **1**.

TLIR-UBR006	07	N	9(01)	52	52

User Area. Valid entries are **0** and **1**.

Field Name	Level	Mode	Picture	Displacement	
TLIR-USERBYTER02	05	G		53	58
User Byte Response 2. Second user byte returned in the constant data area of the response.					
TLIR-UBR007	07	N	9(01)	53	53
User Area. Valid entries are **0** and **1**.					
TLIR-UBR008	07	N	9(01)	54	54
User Area. Valid entries are **0** and **1**.					
TLIR-UBR009	07	N	9(01)	55	55
User Area. Valid entries are **0** and **1**.					
TLIR-UBR010	07	N	9(01)	56	56
User Area. Valid entries are **0** and **1**.					
TLIR-UBR011	07	N	9(01)	57	57
User Area. Valid entries are **0** and **1**.					
TLIR-UBR012	07	N	9(01)	58	58
User Area. Valid entries are **0** and **1**.					
TLIR-LASTKEY	05	C	X(35)	59	93
Last Key. Last key used in file access. This key is returned in the last key area of the message. For example, this field is used for passbook updates, log record lookups, stop pays, etc.					
TLIR-FORMAT	05	C	X(02)	94	95

Format. Format code for the response record. Valid entries are:

- **01** Teller signon/signoff, buy and sell cash.
- **02** Customer monetary response.
- **03** Teller maintenance response.
- **04** Teller message response.
- **05** Cash inquiry response.
- **06** Balancing response.
- **07** Log record lookup response.
- **08** Stop payment response.
- **09** Not-booked transaction response.
- **10** Error message response.
- **11** Settlement inquiry response.

TLIR-DATA	03	C	X(1701)	96	1796
Data Area. Redefined for each format.					

TLIR-DATA01 – Internal Response Data Format 01

This is the data area for Internal Response Data Format 01. This format is used for customer monetary responses. The library name for this area is TLSIR01.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA01 Internal Response Data Format 01 Record.	01	R		1	35
TLIR-01TLRCSHNBR Teller Cash Drawer ID.	05	C	X(08)	1	8
TLIR-01TLRBRNBR Branch Number of Teller.	05	C	X(08)	9	16
TLIR-01TLRSTAT Teller Status Code. Valid entries are: **0** Teller status is valid. **1** Teller status is invalid.	05	C	X(01)	17	17
TLIR-01CSHTLRNBR Cash Drawer Teller ID. ID of the teller who is attached to the cash drawer.	05	C	X(08)	18	25
TLIR-01CSHSTAT Status Code. Valid entries are: **0** Cash drawer is valid for transaction. **1** Cash drawer is not valid for transaction.	05	C	X(01)	26	26
TLIR-01CSHDRAMT Amount of Debit Transactions.	05	PS	S9(15)V99	27	35

TLIR-DATA02 – Internal Response Data Format 02

This is the data area for Internal Response Data Format 02. This format is used for teller customer monetary responses. The library name for this area is TLSIR02.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA02	01	R		1	806
Internal Response Data Format 02 Record.					
TLIR-02INFBYTER01	05	G		1	6
First information byte returned in the data area for Response Data Format 02.					
TLIR-02RINVPIN	07	N	9(01)	1	1
Invalid Personal Identification Number. Indicates whether the PIN is valid. Valid entries are: **0** PIN is valid. **1** PIN is invalid.					
TLIR-02RNSF	07	N	9(01)	2	2
Insufficient Funds. Indicates whether the account has insufficient funds. Valid entries are: **0** Account does not have insufficient funds. **1** Account does have insufficient funds.					
TLIR-02RSTOPS	07	N	9(01)	3	3
Stops. Indicates whether the account has stops present. Valid entries are: **0** Account does not have stops present. **1** Account does have stops present.					
TLIR-02RCAUTION	07	N	9(01)	4	4
Cautions. Indicates whether the account has cautions present. Valid entries are: **0** Account does not have cautions present. **1** Account does have cautions present.					
TLIR-02RNOPOST	07	N	9(01)	5	5
No Post. Indicates whether the account is flagged not to allow any transactions to post. Valid entries are: **0** Account is allowed to post all transactions. **1** Account is not allowed to post all transactions.					
TLIR-02RNODEBITS	07	N	9(01)	6	6
No Debits Code. Indicates whether the account is closed to posting debit transactions. Valid entries are: **0** Account is allowed to post debit transactions. **1** Account is not allowed to post debit transactions.					
TLIR-02INFBYTER02	05	G		7	12
Information Byte Response 2. Second information byte returned in the constant data area.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RNOACCT	07	N	9(01)	7	7

No Account. Indicates whether the account was not found. Valid entries are:

- **0** Account was found.
- **1** Account was not found.

TLIR-02RCLOSED	07	N	9(01)	8	8

Closed. Indicates whether the account is flagged as closed. Valid entries are:

- **0** Account is opened.
- **1** Account is closed.

TLIR-02RBOOKBAL	07	N	9(01)	9	9

Passbook Balance. Indicates whether the passbook balance sent in the message did not match the passbook balance in the Balance Rrecord. Valid entries are:

- **0** Passbook balances matched.
- **1** Passbook balances did not match.

TLIR-02RFORCE	07	N	9(01)	10	10

Teller Force. Indicates whether a teller force is required to process this transaction. Valid entries are:

- **0** Teller force is not required.
- **1** Teller force is required.

TLIR-02ROVERRIDE	07	N	9(01)	11	11

Override. Indicates whether a supervisor override is required to process this transaction. Valid entries are:

- **0** Supervisor override is not required.
- **1** Supervisor override is required.

TLIR-02REMPLOYEE	07	N	9(01)	12	12

Employee. Indicates whether the account is an employee account. Valid entries are:

- **0** Account is not an employee account.
- **1** Account is an employee account.

TLIR-02INFBYTER03	05	G		13	18

Information Byte Return 3. Third information byte returned in the data area of Data Format 02 responses.

TLIR-02RDORMANT	07	N	9(01)	13	13

Dormant. Indicates whether the account is dormant. Valid entries are:

- **0** Account is not dormant.
- **1** Account is dormant.

TLIR-02RPASSBOOK	07	N	9(01)	14	14

Passbook Account Indicator. Indicates whether the account is a passbook account. Valid entries are:

- **0** Account is not a passbook account.
- **1** Account is a passbook account.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RPASSUPDT	07	N	9(01)	15	15

Passbook Update. Indicates whether the passbook is updated. Valid entries are:

- **0** Passbook is not updated.
- **1** Passbook is updated.

TLIR-02RCORRECTED	07	N	9(01)	16	16

Corrected Transaction Indicator. Indicates whether the transaction has been corrected. Valid entries are:

- **0** Transaction has not been corrected.
- **1** Transaction has been corrected.

TLIR-02RSOCSEC	07	N	9(01)	17	17

Social Security Indicator. Indicates whether the social security number is valid. Valid entries are:

- **0** Social security number is valid.
- **1** Social security number is invalid.

TLIR-02RRTRNBR	07	N	9(01)	18	18

Routing and Transit Number. Indicates whether the routing and transit number is invalid. Valid entries are:

- **0** Routing and transit number is valid.
- **1** Routing and transit number is invalid.

TLIR-02INFBYTER04	05	G		19	24

Information Byte Return 4. Fourth information byte returned in the data area of Data Format 02 responses.

TLIR-02RTRANSEQ	07	N	9(01)	19	19

Transaction Sequence. Indicates whether the transaction sequence is invalid. Valid entries are:

- **0** Transaction sequence is valid.
- **1** Transaction sequence is invalid.

TLIR-02RSRINPUT	07	N	9(01)	20	20

Source Input. Indicates whether the source of input is valid. Valid entries are:

- **0** Source of input is valid.
- **1** Source of input is invalid.

TLIR-02RTENCASH	07	N	9(01)	21	21

Indicates whether the account has exceeded $10,000 for the day and Internal Revenue Service Form 4789 should be submitted. Valid entries are:

- **0** Account has not exceeded the $10,000 daily level.
- **1** Account has exceeded the $10,000 daily level.

TLIR-02RCBKLMTCTR	07	N	9(01)	22	22

Cashback Limit Control. Indicates whether the account has exceeded the cashback allowable limit. Valid entries are:

- **0** Account has not exceeded the allowable limit for cashbacks.
- **1** Account has exceeded the allowable limit for cashbacks.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RCBKLMTATM	07	N	9(01)	23	23

Cashback Limit ATM. Indicates whether the account has exceeded the cashback allowable limits at ATMS. Valid entries are:

- **0** Account has not exceeded the ATM cashback allowable limit.
- **1** Account has exceeded the ATM cashback allowable limit.

TLIR-02RCBKLMTACT	07	N	9(01)	24	24

Institution Limit on Account. Indicates whether the account has exceeded the allowable debit transactions. Reserved for future use. Valid entries are:

- **0** Account has not exceeded the allowable debit transactions.
- **1** Account has exceeded the allowable debit transactions.

TLIR-02INFBYTER05	05	G		25	30

Information Byte Return 5. Fifth information byte returned in the data area of Data Format 02 response.

TLIR-02RREGCC	07	N	9(01)	25	25

Regulation CC Flag. Indicates whether the account has been flagged as an exception to Regulation CC. Valid entries are:

- **0** Account is not an exception to Regulation CC.
- **1** Account is an exception to Regulation CC.

TLIR-02RFILEAVAIL	07	N	9(01)	26	26

Record Available. Indicates whether the master record was available for authorization. Valid entries are:

- **0** Master record was available.
- **1** Master record was not available.

TLIR-02RBALSUSP	07	N	9(01)	27	27

Balance Suspect. Indicates whether balances for commercial loans or installment loans might not be accurate. Valid entries are:

- **0** Balances are accurate.
- **1** Balances might not be accurate.

TLIR-02R134SORTCFLT1	07	N	9(01)	28	28

Sort Customer Float Days Area 1. Indicates whether the number of customer days in Float Area 1 is consistent with the number of customer float days in MICM Record 0134 for the routing and transit number in Float Area 1. Valid entries are:

- **0** Customer float days are consistent.
- **1** Customer float days are inconsistent.

TLIR-02R134SORTBFLT1	07	N	9(01)	29	29

Sort Bank Float Days Area 1. Indicates whether the number of bank float days in Float Area 1 is consistent with the number of bank float days in MICM Record 0134 for the routing and transit number in Float Area 1. Valid entries are:

- **0** Bank float days are consistent.
- **1** Bank float days are inconsistent.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02R134SORTCFLT2	07	N	9(01)	30	30

Sort Customer Float Days Area 2. Indicates whether the number of customer days in Float Area 2 is consistent with the number of customer float days in MICM Record 0134 for the routing and transit number in Float Area 2. Valid entries are:

0 Customer float days are consistent.
1 Customer float days are inconsistent.

TLIR-02INFBYTER06	05	G		31	36

Information Byte Return 6. Sixth information returned in the data area of Data Format 02 responses.

TLIR-02R134SORTBFLT2	07	N	9(01)	31	31

Sort Bank Float Days Area 2. Indicates whether the number of bank float days in float Area 2 is consistent with the number of bank float days in MICM Record 0134 for the routing and transit number in Float Area 2. Valid entries are:

0 Bank float days are consistent.
1 Bank float days are inconsistent.

TLIR-02R134SORTCFLT3	07	N	9(01)	32	32

Sort Customer Float Days Area 3. Indicates whether the number of customer days in Float Area 3 is consistent with the number of customer float days in MICM Record 0134 for the routing and transit number in Float Area 3. Valid entries are:

0 Customer float days are consistent.
1 Customer float days are inconsistent.

TLIR-02R134SORTBFLT3	07	N	9(01)	33	33

Sort Bank Float Area 3. Indicates whether the number of bank float days in Float Area 3 is consistent with the number of bank float days in MICM Record 0134 for the routing and transit number in Float Area 3. Valid entries are:

0 Bank float days are consistent.
1 Bank float days are inconsistent.

TLIR-02R134SORTCFLT4	07	N	9(01)	34	34

Sort Customer Float Area 4. Indicates whether the number of customer days in Float Area 4 is consistent with the number of customer float days in MICM Record 0134 for the routing and transit number in Float Area 4. Valid entries are:

0 Customer float days are consistent.
1 Customer float days are inconsistent.

TLIR-02R134SORTBFLT4	07	N	9(01)	35	35

Sort Bank Float Area 4. Indicates whether the number of bank float days in Float Area 4 is consistent with the number of bank float days on MICM Record 0134 for the routing and transit number in Float Area 4. Valid entries are:

0 Bank float days are consistent.
1 Bank float days are inconsistent.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02R134SORTCFLT5	07	N	9(01)	36	36

Sort Customer Float Area 5. Indicates whether the number of customer days in Float Area 5 is consistent with the number of customer float days in MICM Record 0134 for the routing and transit number in Float Area 5. Valid entries are:

- **0** Customer float days are consistent.
- **1** Customer float days are inconsistent.

TLIR-02INFBYTER07	05	G		37	42

Information Byte Return 7. Seventh information byte returned in the data area for Data Format 02 responses.

TLIR-02R134SORTBFLT5	07	N	9(01)	37	37

Sort Bank Float Area 5. Indicates whether the number of bank float days in Float Area 5 are consistent with the number of bank float days on MICM Record 0134 for the routing and transit number in Float Area 5. Valid entries are:

- **0** Bank float days are consistent.
- **1** Bank float days are inconsistent.

TLIR-02REXCESSOD	07	N	9(01)	38	38

Excessive Overdraft. Indicates whether the account has been flagged for excessive overdrafts. Valid entries are:

- **0** Account does not have excessive overdrafts.
- **1** Account does have excessive overdrafts.

TLIR-02REXCESSRTN	07	N	9(01)	39	39

Excessive Returns. Indicates whether the account has been flagged for excessive returns. Valid entries are:

- **0** Account does not have excessive returns.
- **1** Account does have excessive returns.

TLIR-02RNOCREDITS	07	N	9(01)	40	40

No Credits Code. Indicates whether the account is closed posting credit transactions. Valid entries are:

- **0** Account is allowed to post credit transactions.
- **1** Account is not allowed to post credit transactions.

TLIR-02RINVAPPLINTC	07	N	9(01)	41	41

Invalid Application Internal Code. Indicates whether the application internal transaction code is valid. Valid entries are:

- **0** Application internal transaction code is valid.
- **1** Application internal transaction code is invalid.

TLIR-02RINVPAYBYCDE	07	N	9(01)	42	42

Invalid Pay-by Code. Indicates whether the pay-by code in the message is valid. Valid entries are:

- **0** Pay-by code is valid.
- **1** Pay-by code is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02INFBYTER08	05	G		43	48

Information Byte Return 8. Eighth information byte returned in the data area of Data Format 02 responses.

TLIR-02RINVPAYOFFCDE	07	N	9(01)	43	43

Invalid Payoff Code. Indicates whether the payoff code in the message is valid. Valid entries are:

- **0** Payoff code is valid.
- **1** Payoff code is invalid.

TLIR-02RINVEFFDTE	07	N	9(01)	44	44

Invalid Effective Date. Indicates whether the effective date is valid. Valid entries are:

- **0** Effective date is valid.
- **1** Effective date is invalid.

TLIR-02RINVPARTTXN	07	N	9(01)	45	45

Invalid Participant Transactions. Indicates whether the account is eligible for participant transactions. Valid entries are:

- **0** Account is eligible for participant transactions.
- **1** Account is not eligible for participant transactions.

TLIR-02RFLTINFORREQ	07	N	9(01)	46	46

Float Information Required. Indicates whether additional float information is required to process the deposit. Valid entries are:

- **0** Additional float information is not required.
- **1** Additional float information is required.

TLIR-02RFLTCHG	07	N	9(01)	47	47

Float Changed. Indicates whether institution or customer float was modified by Infopoint EFAS. Valid entries are:

- **0** Float days were not modified.
- **1** Float days were modified.

TLIR-02RFROMACCT	07	N	9(01)	48	48

Reject from Account. Indicates whether the transfer was rejected because of the from account. Valid entries are:

- **0** Transfer was not rejected because of the from account.
- **1** Transfer was rejected because of the from account.

TLIR-02INFBYTER09	05	G		49	54

Information Byte Return 9. Ninth information byte returned in the data area of Data Format 02 response.

TLIR-02RNOBOOKS	07	N	9(01)	49	49

No Books. Indicates whether the account has any not-booked transactions for updating or displaying. Valid entries are:

- **0** Account has not-booked transactions.
- **1** Account does not have not-booked transactions.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RNOTPASSBK	07	N	9(01)	50	50

Not Passbook. Indicates whether a conflict is present because the account is not a passbook account and the passbook present flag indicated the passbook was present. The transaction was processed and the passbook present indicator ignored. Valid entries are:

0 Conflict is not present.
1 Conflict is present.

TLIR-02RDUPACCT	07	N	9(01)	51	51

Duplicate Account. Indicates whether the account number already exists. Valid entries are:

0 Account number is valid.
1 Account number is invalid.

TLIR-02RACCTEXIST	07	N	9(01)	52	52

Account Exists. Indicates whether the account exists and is not eligible for opening deposit. Valid entries are:

0 Account does not exist.
1 Account already exists.

TLIR-02RPBKMISSING	07	N	9(01)	53	53

Passbook Missing. For a passbook update transaction, code that indicates whether the passbook is present. Valid entries are:

0 Passbook is present.
1 Passbook is missing.

TLIR-02RPBKNOTREQ	07	N	9(01)	54	54

Passbook Not Required. Indicates whether the passbook display transaction and the passbook present flag indicate it was present. Passbook is not permitted when displaying not-booked transactions. Valid entries are:

0 Passbook is not present.
1 Passbook is present.

TLIR-02INFBYTER10	05	G		55	60

Information Byte Return 10. Tenth information byte returned in the data area of Data Format 02 responses.

TLIR-02RNOTICEIND	07	N	9(01)	55	55

Notice Indicator. Indicates whether the Regulation CC notice must be printed. Valid entries are:

0 Notice to print the Regulation CC notice was not sent.
1 Notice to print the Regulation CC notice was sent.

TLIR-02R134ITEMTYPE1	07	N	9(01)	56	56

Record 0134 Item Type 1. Indicates whether the Item Type 1 field was valid with the item type on MICM Record 0134 for the routing and transit number associated with this field. Valid entries are:

0 Item type is valid.
1 Item type is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02R134ITEMTYPE2	07	N	9(01)	57	57

Record 0134 Item Type 2. Indicates whether the Item Type 2 field was valid with the item type on MICM Record 0134 for the routing and transit number associated with this field. Valid entries are:

0 Item type is valid.
1 Item type is invalid.

TLIR-02R134ITEMTYPE3	07	N	9(01)	58	58

Record 0134 Item Type 3. Indicates whether the Item Type 3 field was valid with the item type on MICM Record 0134 for the routing and transit number associated with this field. Valid entries are:

0 Item type is valid.
1 Item type is invalid.

TLIR-02R134ITEMTYPE4	07	N	9(01)	59	59

Record 0134 Item Type 4. Indicates whether the Item Type 4 field was valid with the item type on MICM Record 0134 for the routing and transit number associated with this field. Valid entries are:

0 Item type is valid.
1 Item type is invalid.

TLIR-02R134ITEMTYPE5	07	N	9(01)	60	60

Record 0134 Item Type 5. Indicates whether the Item Type 5 field was valid with the item type in MICM Record 0134 for the routing and transit number associated with this field. Valid entries are:

0 Item type is valid.
1 Item type is invalid.

TLIR-02INFBYTER11	05	G		61	66

Information Byte Return 11. Eleventh information byte returned in the data area of Data Format 02 responses.

TLIR-02RBLKPOSTING	07	N	9(01)	61	61

Block Posting. Indicates if the account is set to block all posting. Valid entries are:

0 Account is not flagged to block all posting.
1 Account is flagged to block all posting.

TLIR-02RBOWNER	07	N	9(01)	62	62

Bond Owner. Indicates if the bond owner name is present. Valid entries are:

0 Bond owner name is present.
1 Bond owner name is not present.

TLIR-02RBNINDEX	07	N	9(01)	63	63

Bond Name Index. Indicates if the bond name index is present. Valid entries are:

0 Bond name index is present.
1 Bond name index is not present.

TLIR-02RBADDR1	07	N	9(01)	64	64

Bond Address 1. Indicates if the bond address 1 is present. Valid entries are:

0 Bond address 1 is present.
1 Bond address 1 is not present.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RBADDR2	07	N	9(01)	65	65

Bond Address 2. Indicates if the bond address 1 is present. Valid entries are:

- **0** Bond address 2 is present.
- **1** Bond address 2 is not present.

TLIR-02RBCITY	07	N	9(01)	66	66

Bond City. Indicates if the bond city is present. Valid entries are:

- **0** Bond city is present.
- **1** Bond city is not present.

TLIR-02INFBYTER12	05	G		67	72

Information Byte Return 12. Twelfth information byte returned in the data area of Data Format 02 responses.

TLIR-02RBSTATE	07	N	9(01)	67	67

Bond State. Indicates if the bond state is present. Valid entries are:

- **0** Bond state is present.
- **1** Bond state is not present.

TLIR-02RBZIP	07	N	9(01)	68	68

Bond ZIP. Indicates if the bond ZIP code is valid. Valid entries are:

- **0** Bond ZIP code is valid.
- **1** Bond ZIP code is invalid.

TLIR-02RBCOWNER	07	N	9(01)	69	69

Bond Co-owner. Indicates if the bond co-owner is valid. Valid entries are:

- **0** Bond co-owner is valid.
- **1** Bond co-owner is invalid.

TLIR-02RBDELIVECD	07	N	9(01)	70	70

Bond Deliver Code. Indicates if the bond deliver code is valid. Valid entries are:

- **0** Bond deliver code is valid.
- **1** Bond deliver code is invalid.

TLIR-02RBCONTYPE	07	N	9(01)	71	71

Bond Connective Type. Indicates if the bond connective type is valid. Valid entries are:

- **0** Bond connective type is valid.
- **1** Bond connective type is invalid.

TLIR-02RBD50S	07	N	9(01)	72	72

Fifty Dollar Bond. Indicates if the bond $50 denomination is valid. Valid entries are:

- **0** Bond $50 denomination is valid.
- **1** Bond $50 denomination is invalid.

TLIR-02INFBYTER13	05	G		73	78

Information Byte Return 13. Thirteenth information byte returned in the data area of Data Format 02 responses.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RBD75S	07	N	9(01)	73	73

Seventy-five Dollar Bond. Indicates if the bond $75 denomination is valid. Valid entries are:

0 Bond $75 denomination is valid.
1 Bond $75 denomination is invalid.

TLIR-02RBD100S	07	N	9(01)	74	74

One-hundred Dollar Bond. Indicates if the bond $100 denomination is valid. Valid entries are:

0 Bond $100 denomination is valid.
1 Bond $100 denomination is invalid.

TLIR-02RBD200S	07	N	9(01)	75	75

Two-hundred Dollar Bond. Indicates if the bond $200 denomination is valid. Valid entries are:

0 Bond $200 denomination is valid.
1 Bond $200 denomination is invalid.

TLIR-02RBD500S	07	N	9(01)	76	76

Five-hundred Dollar Bond. Indicates if the bond $500 denomination is valid. Valid entries are:

0 Bond $500 denomination is valid.
1 Bond $500 denomination is invalid.

TLIR-02RBD1000S	07	N	9(01)	77	77

One-thousand Dollar Bond. Indicates if the bond $1000 denomination is valid. Valid entries are:

0 Bond $1000 denomination is valid.
1 Bond $1000 denomination is invalid.

TLIR-02RBD5000S	07	N	9(01)	78	78

Five-thousand Dollar Bond. Indicates if the bond $5000 denomination is valid. Valid entries are:

0 Bond $5000 denomination is valid.
1 Bond $5000 denomination is invalid.

TLIR-02INFBYTER14	05	G		79	84

Information Byte Return 14. Fourteenth information byte returned in the data area of Data Format 02 responses.

TLIR-02RBD10000S	07	N	9(01)	79	79

Ten-thousand Dollar Bond. Indicates if the bond $10,000 denomination is valid. Valid entries are:

0 Bond $10,000 denomination is valid.
1 Bond $10,000 denomination is invalid.

TLIR-02RBDTOTAL	07	N	9(01)	80	80

Bond Total. Indicates if the bond total is valid. Valid entries are:

0 Bond total is valid.
1 Bond total is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RBUPDATEPROC	07	N	9(01)	81	81

Bond Update. Indicates if the bond update process is valid. Valid entries are:

0 Bond update process is valid.
1 Bond update process is invalid.

TLIR-02RREFRESHPROC	07	N	9(01)	82	82

Refresh Process. Indicates if the transaction was processed during the refresh process. Valid entries are:

0 Transaction was processed during the refresh process.
1 Transaction was not processed during the refresh process.

TLIR-02RREFRESH	07	N	9(01)	83	83

After Refresh. Indicates if the transaction was processed after the refresh process. Valid entries are:

0 Transaction was processed normally.
1 Transaction was processed after the refresh process.

TLIR-02RTOBE-REFRESH	07	N	9(01)	84	84

To Be Refreshed. Indicates if the transaction is to be refreshed. Valid entries are:

0 Do not refresh transaction.
1 Refresh transaction.

TLIR-02INFBYTER15	05	G		85	90

Information Byte Return 15. Fifteenth information byte returned in the data area of Data Format 02 responses.

TLIR-02IS-REFRESH	07	N	9(01)	85	85

Is Refreshed. Indicates if the transaction was refreshed. Valid entries are:

0 Transaction was not refreshed.
1 Transaction was refreshed.

TLIR-02RFORCEPM	07	N	9(01)	86	86

Force PM. Indicates if the transaction was forced to be a PM transaction. Valid entries are:

0 Transaction was not forced to be a PM transaction.
1 Transaction was forced to be a PM transaction.

TLIR-02RCROSSBK	07	N	9(01)	87	87

Error flag for account access code.

TLIR-02RCROSSBKTC	07	N	9(01)	88	88

Reserved for future use.

TLIR-02RINVBKDTE	07	N	9(01)	89	89

Invalid Backdate. Indicates if the effective date is valid. Valid entries are:

0 Effective date is valid.
1 Effective date is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02RBKDTEOCCUR	07	N	9(01)	90	90

Backdated Transaction Occurrence. Indicates if a backdated transaction has occurred. Valid entries are:

- **0** Backdated transaction has not occurred.
- **1** Backdated transaction has occurred.

TLIR-02INFBYTER16	05	G		91	96

Information Byte Return 16. Sixteenth information byte returned in the data area of Data Format 02 responses.

TLIR-02ROPENACCT	07	N	9(01)	91	91

Open Account. The new account deposit transaction verifies that the account exists if the Open Deposit field is 'Y' on MICM Record 0150. If the account does not exist and the option is 'Y', the transaction is rejected. Valid entries are:

- **0** New account does exist.
- **1** New account does not exist.

Note: This transaction will also be rejected if the effective date does not match the institution's current processing date or if the effective date is invalid.

TLIR-02RCLOSEWHLDS	07	N	9(01)	92	287

Close With Holds. Determines whether a close on an account can be processed. Valid entries are:

- **0** Close on account can be processed. No holds present.
- **1** Close on account cannot be processed. Hold present.

TLIR-02RBACKDATE	07	N	9(01)	93	93

Backdate. Indicates if the effective date has exceeded the backdating parameters. Valid entries are:

- **0** Effective date has not exceeded the backdating parameters.
- **1** Effective date has exceeded the backdating parameters.

TLIR-02RAPPLCLOSEERR	07	N	9(01)	94	94

Error message was received from the application module. Use the trace number to look in the application program. The last four bytes of the message field are displayed in trace.

TLIR-02RAPPLMICMERR	07	N	9(01)	95	95

Application MICM Error. Indicates if there was an error accessing a MICM record. The trace number indicates which MICM record was in error.

TLIR-02RAPPLBALERR	07	N	9(01)	96	96

Application Balance Error. Indicates if application balances match.

- **0** Application balances are equal.
- **1** Application balances are not equal.

LIR-02AVAILBAL	05	PS	S9(15)V99	97	105

Available Balance. Calculated available balance.

TLIR-02CURBAL	05	PS	S9(15)V99	106	114

Current Balance. Online balance.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02CLOSEBAL	05	PS	S9(15)V99	115	123
Closing Balance. Calculated closing balance.					
TLIR-02BOOKBAL	05	PS	S9(15)V99	124	132
Passbook Balance. Passbook balance after transaction has been processed.					
TLIR-02RHOLDS	05	PS	S9(15)V99	133	141
Holds. Holds for the account.					
TLIR-02MFLOAT	05	PS	S9(15)	142	149
Float. Total float for the account, expressed in whole dollars.					
TLIR-02MLIMIT	05	PS	S9(15)	150	157
Limit. Credit limit from the Application Master Record, expressed in whole dollars.					
TLIR-02MDRDT	05	PS	S9(09)	158	162
Debit Date. Date of the last debit transaction.					
TLIR-02MDRAMT	05	PS	S9(15)V99	163	171
Debit Amount. Amount of the last debit transaction.					
TLIR-02MCRDT	05	PS	S9(09)	172	176
Credit Date. Date of the last credit transaction.					
TLIR-02MCRAMT	05	PS	S9(15)V99	177	185
Credit Amount. Amount of the last credit transaction.					
TLIR-02MOLACTDT	05	PS	S9(09)	186	190
Online Activity Date. Date of the last online activity.					
TLIR-02MOPNDT	05	PS	S9(09)	191	195
Open Date. Date account was opened.					
TLIR-02MMATRDT	05	PS	S9(09)	196	200
Maturity Date. Maturity date of the account.					
TLIR-02INTDT	05	PS	S9(09)	201	205
Interest Date. Date of the last interest payment.					
TLIR-02INTAMT	05	PS	S9(15)V99	206	214
Interest Amount. Amount of interest last paid.					
TLIR-02INTENP	05	PS	S9(12)V9(5)	215	223
Interest Earned Not Paid. Amount of the interest that is earned, not paid.					
TLIR-02INTYTD	05	PS	S9(15)V99	224	232
Interest Year-to-date. Amount of the interest paid year to date.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-02INTFWTEST	05	PS	S9(15)V99	233	241

Interest Federal Withholding Estimate. Estimated federal withholding tax on interest

TLIR-02INTFWTHOLD	05	PS	S9(15)V99	242	250

Interest Federal Withholding. Amount of federal withholding tax on interest held.

TLIR-02INTPENLTY	05	PS	S9(15)V99	251	259

Interest Penalty. Interest penalty for early withdrawal.

TLIR-02INTREBATE	05	PS	S9(15)V99	260	268

Interest Rebate. Interest rebate for early payoff.

TLIR-02INTRATE	05	PS	SV9(09)	269	273

Interest Rate.

TLIR-02ODLIMIT	05	PS	S9(15)	274	281

Overdraft Limit. Overdraft limit, expressed in whole dollars.

TLIR-02ODCRCODE	05	C	X(01)	282	282

Overdraft Credit Code. Valid entries are:

- **B** Transfer from credit line first, then savings.
- **C** Transfer from credit card.
- **D** Deposit account.
- **L** Loan account.
- **M** Transfer from Master Card.
- **N** No overdraft account.
- **S** Transfer from savings.
- **V** Transfer from Visa.
- **X** Savings account first, then credit line.
- **Y** Loan account first, then deposit account.

Note: A space in this field is not allowed by Time Investment.

TLIR-02ODLCODE	05	C	X(01)	283	283

Overdraft Limit Code. Valid entries are:

- **A** Pay all overdrafts.
- **F** Pay to the limit calculated automatically for each overdraft.
- **L** Pay to set limit.
- **T** Pay to set limit specified in thousands of dollars.

TLIR-02BKCARDACCT	05	G		284	295

Institution Card Account. Institution card application code and account number information. This could be the customer's bank debit card, MasterCard or VISA card.

TLIR-02MBKCAPPL	07	N	9(02)	284	285

Bank Card Application Code.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02MBKCACCT Bank Card Account Number.	07	P	9(18)	286	295
TLIR-02DDAAPPLACCT DDA Application Account. Alternate DDA application code and account number.	05	G		296	307
TLIR-02MDDAAPPL Alternate DDA Application Code.	07	N	9(02)	296	297
TLIR-02MDDAACCT Alternate DDA Account Number.	07	P	9(18)	298	307
TLIR-02CRAPPLACCT Credit Application Account. Loan application code and account number.	05	G		308	319
TLIR-02MCRAPPL Credit Application. Loan application code.	07	N	9(02)	308	309
TLIR-02MCRACCT Credit Account. Loan account number.	07	P	9(18)	310	319
TLIR-02SVAPPLACCT Savings Application Account. Savings application code and account number.	05	G		320	331
TLIR-02MSVAPPL Savings Application Code.	07	N	9(02)	320	321
TLIR-02MSVACCT Savings Account Number.	07	P	9(18)	322	331
TLIR-02IFCUST1 Interface Customer. Customer key for MICM interface.	05	G		332	341
TLIR-02IFCNA1 Interface Customer Name. First six characters of the customer's last name and the initials of the first and middle names.	07	C	X(08)	332	339
TLIR-02IFC1BRK Interface Customer Tie Breaker. Customer tie breaker for customers with the same name.	07	B	S9(04)	340	341
TLIR-02MSIGINDX Signature Index. Index number for the signature card.	05	B	S9(09)	342	345
TLIR-02IFSHORT Interface Short Name. Short name of the account.	05	C	X(15)	346	360

Field Name	Level	Mode	Picture	Displacement	
TLIR-02MBRANCH Branch. Branch number of the account.	05	PS	S9(05)	361	363
TLIR-02USERAREA User Area. User area on the Application Master Record.	05	C	X(15)	364	378
TLIR-02MSPECCODES Special Codes. Special handling codes on the Application Master Record.	05	G		379	390
TLIR-02MSPEC1 Special Handling Code 1.	07	C	X(01)	379	379
TLIR-02MSPEC2 Special Handling Code 2.	07	C	X(01)	380	380
TLIR-02MSPEC3 Special Handling Code 3.	07	C	X(01)	381	381
TLIR-02MSPEC4 Special Handling Code 4.	07	C	X(01)	382	382
TLIR-02MSPEC5 Special Handling Code 5.	07	C	X(01)	383	383
TLIR-02MSPEC6 Special Handling Code 6.	07	C	X(01)	384	384
TLIR-02MSPEC7 Special Handling Code 7.	07	C	X(01)	385	385
TLIR-02MSPEC8 Special Handling Code 8.	07	C	X(01)	386	386
TLIR-02MSPEC9 Special Handling Code 9.	07	C	X(01)	387	387
TLIR-02MSPEC10 Special Handling Code 10.	07	C	X(01)	388	388
TLIR-02MSPEC11 Special Handling Code 11.	07	C	X(01)	389	389
TLIR-02MSPEC12 Special Handling Code 12.	07	C	X(01)	390	390

Field Name	Level	Mode	Picture	Displacement	
TLIR-02MSTATUS	05	C	X(01)	391	391

Account Status. Valid entries are:

- **b** Opened and active.
- **C** Account is closed.
- **P** Account is closed and flagged to be purged.

TLIR-02MDORM	05	C	X(01)	392	392

Dormant Code for the Account. Valid entries are:

- **b** Account is not dormant.
- **D** Account is dormant.
- **I** Account is inactive.

TLIR-02MEMPCD	05	C	X(01)	393	393

Employee Account Code. Employee code for the account. Valid entries are:

- ***** Force a blank on the master indicating that the account is not an employee or business account. (Deposits)
- **b** Default to Employee Code on MICM Record 3001. (Deposits)
- **B** Business account.
- **D** Director account.
- **E** Employee account.
- **O** Officer account.
- **P** Public funds.

Note: For Time Investment only, a space in this field indicates that this is not a business or an employee account.

TLIR-02MNOPOST	05	C	X(01)	394	394

Account Posting Code. Valid entries are:

- **b** or **N** Account is allowed to post all transactions.
- **A** Account is not permitted to post any transaction.
- **B** Account is flagged to block all posting, and no overrides are permitted. The only exception is a transaction authorized while offline.
- **C** Account is not permitted to post any credit transaction.
- **D** Account is not permitted to post any debit transaction.

TLIR-02MADES	05	C	X(01)	395	395

Account Designation Code. Valid entries are:

- **C** Certificate of Deposit.
- **D** Deposit account.
- **L** Loan account.
- **O** Overdraft account.
- **S** Savings account.
- **T** Time Deposit open account.

TLIR-02MTYPE	05	PS	S9(03)	396	397

Account Type.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02MCLASS Account Class.	05	C	X(02)	398	399
TLIR-02MOFFICER Account Officer.	05	C	X(09)	400	408
TLIR-02NSFOPT Account NSF Option. Valid entries are: **B** Use customers collected balance, with bank float. **C** Use customers collected balance, with customer float. **L** Use ledger balance. **1 – 9** Use customers collected balance with customer float. Add this number of days to incoming float. **Note:** There is no default value if this field is left blank.	05	C	X(01)	409	409
TLIR-02MSTOP Stop Code. Indicates whether the account has stops present. Valid entries are: **b** Account does not have stops. **C** Caution. (Deposits) **H** Hit. (Deposits) **N** No assignments. (Time Investment) **S** Suspect. (Deposits) **Y** Account has stops.	05	C	X(01)	410	410
TLIR-02MCAUTION Caution Code. Indicates whether the account has cautions present. Valid entries are: **b** Account does not have cautions. **C** Account does have cautions.	05	C	X(01)	411	411
TLIR-02FWTDT Federal Withholding Tax Date. Date of federal withholding tax.	05	PS	S9(09)	412	416
TLIR-02FWTAMT Federal Withholding Tax Amount. Amount of federal withholding tax.	05	PS	S9(15)V99	417	425
TLIR-02SVCDT Service Charge Date. Date of the last service charge.	05	PS	S9(09)	426	430
TLIR-02SVCAMT Service Charge Amount. Amount of the last service charge.	05	PS	S9(15)V99	431	439
TLIR-02RCKSOUT Checks Outstanding. Amount of interest checks outstanding for Infopoint Time Investment.	05	PS	S9(15)V99	440	448
TLIR-02BALMEMO Memo Balance.	05	PS	S9(15)V99	449	457

Field Name	Level	Mode	Picture	Displacement	
TLIR-02FWTHELD	05	PS	S9(15)V99	458	466

Federal Withholding. Federal withholding tax on interest for the period

TLIR-02REGCCCODE	05	C	X(01)	467	467

Regulation CC Code. Indicates this account is subject to Regulation CC. Valid entries are:

- **N** Account is not subject to Regulation CC.
- **Y** Account is subject to Regulation CC.

TLIR-02REGCCRISKCODE	05	C	X(01)	468	468

Regulation CC Risk Code. Identifies this account as a high-risk account. Valid entries are:

- **H** Account is high risk.
- **N** Account is not high risk.
- **O** Account has been open fewer than the MICM Regulation CC days.

TLIR-02REGCCODCODE	05	C	X(01)	469	469

Regulation CC Code. Indicates the balance to use when determining whether Regulation CC counters are to be incremented. Valid entries are:

- **B** Use ledger balance minus holds minus bank float.
- **C** Use ledger balance minus holds minus customer float.
- **L** Use ledger balance minus holds.

TLIR-02REGCCODDAYS	05	PS	S9(03)	470	471

Regulation CC Overdrawn Days. Number of days the account has been considered overdrawn for Regulation CC purposes.

TLIR-02REGCCEXCESSOD	05	C	X(01)	472	472

Regulation CC Excessive Overdraft. Indicates that this account has excessive overdrafts. Valid entries are:

- **N** Account does not have excessive overdrafts.
- **Y** Account does have excessive overdrafts.

TLIR-02REGCCEXCESSRTN	05	C	X(01)	473	473

Regulation CC Excessive Returns. Indicates this account has excessive returns. Valid entries are:

- **N** Account does not have excessive returns.
- **Y** Account does has excessive returns.

TLIR-02FLOAT	05	G		474	523

OCCURS 5 TIMES. Float. Float day information and item type information to be display to the teller and/or printed on the Regulation CC notice.

TLIR-02134SORTCFLT	07	N	9(02)	474	475

Sort Customer Float. Customer float day sent in the message or retrieved from temporary storage for MICM record 0134.

TLIR-02EFACFLT	07	N	9(02)	476	477

EFAS Customer Float. Customer float day EFAS is using.

Field Name	Level	Mode	Picture	Displacement	
TLIR-02134SORTBFLT	07	N	9(02)	478	479
Sort Bank Float. Bank float days sent in the message or retrieved from temporary storage for MICM Record 0134.					
TLIR-02EFABFLT	07	N	9(02)	480	481
EFAS Bank Float. Bank float days used by EFAS.					
TLIR-02134ITEMTYPE	07	N	9(02)	482	483
Item Type Code.					
TLIR-02LPRINAMT	05	PS	S9(15)V99	524	532
Principal Amount. Principal portion of the transaction.					
TLIR-02LPRINBAL	05	PS	S9(15)V99	533	541
Principal Balance Amount.					
TLIR-02LPRINDUE	05	PS	S9(15)V99	542	550
Principal Due. Amount of principal due.					
TLIR-02LPRINBILLNPD	05	PS	S9(15)V99	551	559
Principal Billed Not Paid. Amount of principal billed, not paid.					
TLIR-02LINTAMT	05	PS	S9(15)V99	560	568
Interest Amount. Amount of interest in the transaction.					
TLIR-02LINTBAL	05	PS	S9(15)V99	569	577
Interest Balance Amount.					
TLIR-02LINTDUE	05	PS	S9(15)V99	578	586
Interest Due. Amount of interest due.					
TLIR-02LINTBILLNPD	05	PS	S9(15)V99	587	595
Interest Billed Not Paid. Amount of interest billed, not paid.					
TLIR-02LESCROWAMT	05	PS	S9(15)V99	596	604
Escrow Amount. Escrow portion of the transaction.					
TLIR-02LESCROWBAL	05	PS	S9(15)V99	605	613
Escrow Balance. Escrow balance amount.					
TLIR-02LESCROWDUE	05	PS	S9(15)V99	614	622
Escrow Due. Amount of escrow due.					
TLIR-02LESCROWBILLNPD	05	PS	S9(15)V99	623	631
Escrow Billed Not Paid. Amount of escrow billed, not paid.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-02LLATECHGDUE	05	PS	S9(15)V99	632	640
Late Charges Due. Amount of late charges due.					
TLIR-02LRESERVEDUE	05	PS	S9(15)V99	641	649
Reserve Due. Amount of reserve due.					
TLIR-02LSIMPINSDUE	05	PS	S9(15)V99	650	658
Simple Insurance Due. Amount of simple insurance due.					
TLIR-02LMISCFEEDUE	05	PS	S9(15)V99	659	667
Miscellaneous Fees Due. Amount of miscellaneous fees due.					
TLIR-02COMMITNBR	05	P	9(18)	668	677
Commitment Number. Commitment number of the commercial loan account.					
TLIR-02NOTENBR	05	P	9(18)	678	687
Note Number. Note number of the commercial loan account.					
TLIR-02CLASSFLD	05	N	9(03)	688	690
Class Field. Class field of the installment loan account.					
TLIR-02PAYBYCDE	05	N	9(02)	691	692
Pay-by Code. Pay-by code of the transaction.					
TLIR-02PAYOFFCDE	05	C	X(01)	693	693
Payoff Code. Valid entries are: **b** Normal payment. **X** Payoff transaction.					
TLIR-02USERAREA1	05	C	X(18)	694	711
User Area 1. User area defined by the institution.					
TLIR-02USERAREA2	05	C	X(18)	712	729
User Area 2. User area defined by the institution.					
TLIR-02ALERTS	05	G		730	747
Online warning messages for Deposits and/or Time Investment accounts.					
TLIR-02ALERT1	07	C	X(03)	730	732
Alert Code 1.					
TLIR-02ALERT2	07	C	X(03)	733	735
Alert Code 2.					
TLIR-02ALERT3	07	C	X(03)	736	738
Alert Code 3.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-02ALERT4 Alert Code 4.	07	C	X(03)	739	741
TLIR-02ALERT5 Alert Code 5.	07	C	X(03)	742	744
TLIR-02ALERT6 Alert Code 6.	07	C	X(03)	745	747
TLIR-02TLRMESSAGE Teller Message. Information regarding an alert message.	05	G		748	788
TLIR-02PRTY Priority. Priority code of the message.	07	N	9(01)	748	748
TLIR-02EFFD Effective Date. Effective date of the message.	07	PS	S9(09)	749	753
TLIR-02PRGD Purge Date. Purge date of the message.	07	PS	S9(09)	754	758
TLIR-02MSG Message. Message text.	07	C	X(30)	759	788
TLIR-02DBCRDAMT	05	PS	S9(15)V99	789	797
TLIR-02DBCRDAUT	05	PS	S9(15)V99	788	806

TLIR-DATA03 – Internal Response Data Format 03

This is the data area for Internal Response Data Format 03. This format is used for teller maintenance responses. The library name for this area is TLSIR03.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA03	01	R		1	192

Internal Response Data Format 03 Record.

TLIR-03INFBYTER01	05	G		1	6

Information Byte Return 1. First information byte returned in the data area of Data Format 03 responses.

TLIR-03RTCINST	07	N	9(01)	1	1

Institution Number. Indicates whether the institution number is valid. Valid entries are:

- **0** Institution number is valid.
- **1** Institution number is invalid.

TLIR-03RTCTLRNBR	07	N	9(01)	2	2

Teller ID. Indicates whether the teller ID is valid. Valid entries are:

- **0** Teller ID is valid.
- **1** Teller ID is invalid.

TLIR-03RTCNAM	07	N	9(01)	3	3

Name. Indicates whether the field for the teller name is invalid or missing. Valid entries are:

- **0** Teller name field is valid.
- **1** Teller name field is invalid.

TLIR-03RTCMNCASH	07	N	9(01)	4	4

Minimum Cash. Indicates whether the minimum cash field is valid. Valid entries are:

- **0** Minimum cash is valid.
- **1** Minimum cash is invalid.

TLIR-03RTCMXCASH	07	N	9(01)	5	5

Maximum Cash. Indicates whether the maximum cash field is valid. Valid entries are:

- **0** Maximum cash is valid.
- **1** Maximum cash is invalid.

TLIR-03RTCPASS	07	N	9(01)	6	6

Password. Indicates whether the teller password field is valid. Valid entries are:

- **0** Teller password is valid.
- **1** Teller password is invalid.

TLIR-03INFBYTER02	05	G		7	12

Information Byte Return 2. Second information byte returned in the data area of Data Format 03 responses.

Field Name	Level	Mode	Picture	Displacement	
TLIR-03RTCSEC	07	N	9(01)	7	7

Security. Indicates whether the security field is valid. Valid entries are:

0 Teller security is valid.
1 Teller security is invalid.

TLIR-03RTCTSTCD	07	N	9(01)	8	8

Test Code. Indicates whether the test code field is invalid. Valid entries are:

0 Test code field is valid.
1 Test code field is invalid.

TLIR-03RTCATMCD	07	N	9(01)	9	9

ATM Code. Indicates whether the ATM code for the teller is valid. Valid entries are:

0 ATM code is valid.
1 ATM code is invalid.

TLIR-03R010	07	N	9(01)	10	10

Reserved for future use.

TLIR-03R011	07	N	9(01)	11	11

Reserved for future use.

TLIR-03R012	07	N	9(01)	12	12

Reserved for future use.

TLIR-03BKNBR	05	PS	S9(04)	13	15

Institution Number. Institution number the teller is assigned.

TLIR-03TLRNBR	05	C	X(08)	16	23

Teller ID.

TLIR-03STATUS	05	C	X(01)	24	24

Status. Teller status.

TLIR-03BRNBR	05	PS	S9(05)	25	27

Branch Number. Teller branch number.

TLIR-03CSHNBR	05	C	X(08)	28	35

Cash Drawer ID. Teller cash drawer ID.

TLIR-03REFNBR	05	PS	S9(05)	36	38

Reference Number. Last reference number associated with this teller.

TLIR-03TERMID	05	C	X(04)	39	42

Terminal ID.

Field Name	Level	Mode	Picture	Displacement	
TLIR-03SECURITY Security Level. Teller security level.	05	C	X(01)	43	43
TLIR-03PASSWORD Teller Password.	05	C	X(08)	44	51
TLIR-03NAME Name. Name of the teller.	05	C	X(40)	52	91
TLIR-03MINCSH Minimum Cash. Minimum amount of cash the teller can keep in the cash drawer.	05	PS	S9(15)	92	99
TLIR-03MAXCSH Maximum Cash. Maximum amount of cash the teller can keep in the cash drawer.	05	PS	S9(15)	100	107
TLIR-03ADDDATE Add Date. Date the teller was added to the record.	05	PS	S9(09)	108	112
TLIR-03DELDATE Delete Date. Date the teller was deleted.	05	PS	S9(09)	113	117
TLIR-03MSGCODE Message Code. Highest priority level of alert messages the teller has to view.	05	C	X(01)	118	118
TLIR-03TESTCD Test Code. Indicates whether the teller is in a test mode.	05	C	X(01)	119	119
TLIR-03ATMCD ATM Code. Indicates whether the teller is an ATM.	05	C	X(01)	120	120
TLIR-03OSECURITY Security. Previous level of security for the teller.	05	C	X(01)	121	121
TLIR-03OPASSWORD Password. Previous teller password.	05	C	X(08)	122	129
TLIR-03ONAME Name. Previous teller name.	05	C	X(40)	130	169
TLIR-03OMINCSH Minimum Cash. Previous minimum cash amount.	05	PS	S9(15)	170	177

Field Name	Level	Mode	Picture	Displacement	
TLIR-03OMAXCSH	05	PS	S9(15)	178	185
Maximum Cash. Previous maximum cash amount.					
TLIR-03OTESTCD	05	C	X(01)	186	186
Test Code. Previous test code.					
TLIR-03OATMCD	05	C	X(01)	187	187
ATM Code. Previous ATM code.					
TLIR-03LSTSIGNDT	05	PS	S9(09)	188	192
Last Signon Date. Date the Teller last signed on to the system.					

TLIR-DATA04 – Internal Response Data Format 04

This is the data area for Internal Response Data Format 04. This format is used for teller message responses. The library name for this area is TLSIR04.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA04	01	R		1	268
Internal Response Data Format 04 Record.					
TLIR-04INFBYTER01	05	G		1	6
Information Byte Return 1. First information byte returned in the data area of Data Format 04 responses.					
TLIR-04RALTBKNBR	07	N	9(01)	1	1
Alternate Institution Number. Indicates whether the alternate institution number is valid. Valid entries are: **0** Alternate institution number is valid. **1** Alternate institution number is invalid.					
TLIR-04RALTLRNBR	07	N	9(01)	2	2
Alternate Teller ID. Indicates whether the alternate teller ID is valid. Valid entries are: **0** Alternate teller ID is valid. **1** Alternate teller ID is invalid.					
TLIR-04RTMPRI	07	N	9(01)	3	3
Message Priority. Indicates whether the priority code for the message is valid. Valid entries are: **0** Priority code is valid. **1** Priority code is invalid.					
TLIR-04RTMEFFDT	07	N	9(01)	4	4
Effective Date. Indicates whether the effective date is valid. Valid entries are: **0** Effective date is valid. **1** Effective date is invalid.					
TLIR-04RTMPRGDT	07	N	9(01)	5	5
Purge Date. Indicates whether the purge date is valid. Valid entries are: **0** Purge date is valid. **1** Purge dates is invalid.					
TLIR-04RTMMSG	07	N	9(01)	6	6
Message. Indicates whether the message text is valid. Valid entries are: **0** Message text is valid. **1** Message text is invalid.					
TLIR-04MSGCOUNT	05	N	9(02)	7	8
Message Count. Number of alert messages returned.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-04MESSAGE	05	G		9	268
OCCURS 5 TIMES. Message. Alert message and information related to the alert message.					
TLIR-04ALTINST	07	PS	S9(04)	9	11
Alternate Institution Number. Alternate institution number of the teller who originated the alert message.					
TLIR-04ALTLRNBR	07	C	X(08)	12	19
Alternate Teller ID. Alternate teller ID that originated the alert message.					
TLIR-04MSGPRTY	07	C	X(01)	20	20
Message Priority. Priority code of the alert message.					
TLIR-04EFFDTE	07	PS	S9(09)	21	25
Effective Date. Effective date of the alert message.					
TLIR-04PRGDTE	07	PS	S9(09)	26	30
Purge Date. Purge date of the alert message.					
TLIR-04TLRMSG	07	C	X(30)	31	60
Alert Message. Message text.					

TLIR-DATA05 – Internal Response Data Format 05

This is the data area for Internal Response Data Format 05. This format is used for teller cash inquiry responses. The library name for this area is TLSIR05.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA05	01	R		1	784
Internal Response Data Format 05 Record.					
TLIR-05INFBYTER01	05	G		1	6
Information Byte Return 1. First information byte returned in the data area of Data Format 05 responses.					
TLIR-05RCIBANK	07	N	9(01)	1	1
Institution Number. Indicates whether the institution number is valid. Valid entries are: **0** Institution number is valid. **1** Institution number is invalid.					
TLIR-05RCIBRNBR	07	N	9(01)	2	2
Branch Number. Indicates whether the branch number is valid. Valid entries are: **0** Branch number is valid. **1** Branch number is invalid.					
TLIR-05RCITLRNBR	07	N	9(01)	3	3
Teller ID. Indicates whether the teller ID is valid. Valid entries are: **0** Teller ID is valid. **1** Teller ID is invalid.					
TLIR-05RCITERM	07	N	9(01)	4	4
Terminal. Indicates whether the terminal ID is valid. Valid entries are: **0** Terminal ID is valid. **1** Terminal ID is invalid.					
TLIR-05RCICSHDR	07	N	9(01)	5	5
Cash Drawer ID. Indicates whether the cash drawer ID is valid. Valid entries are: **0** Cash drawer ID is valid. **1** Cash drawer ID is invalid.					
TLIR-05RCIINNBR	07	N	9(01)	6	6
IN Number. Indicates whether the number of IN transactions is valid. Valid entries are: **0** Number of IN transactions is valid. **1** Number of IN transactions is invalid.					
TLIR-05RTNCNT	05	N	9(02)	7	8
Return Count. Number of cash drawer records returned.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-05CSHTOTS OCCURS 8 TIMES.	05	G		9	784
TLIR-05RECTYPE Record Type. Valid entries are: **C** Cash drawer record. **T** Total record.	07	C	X(01)	9	9
TLIR-05INST Institution Number.	07	PS	S9(04)	10	12
TLIR-05BRNBR Branch Number.	07	PS	S9(05)	13	15
TLIR-05TLRNBR Teller ID.	07	C	X(08)	16	23
TLIR-05TERM Terminal ID.	07	C	X(04)	24	27
TLIR-05CDRWR Cash Drawer ID.	07	C	X(08)	28	35
TLIR-05STCSH Starting Cash Amount.	07	PS	S9(15)V99	36	44
TLIR-05INNBR In Number. Number of cash deposit transactions handled by the teller, branch, or institution.	07	PS	S9(07)	45	48
TLIR-05INAMT In Amount. Amount of cash deposit transactions handled by the teller, branch, or institution.	07	PS	S9(15)V99	49	57
TLIR-05OUTNBR Out Number. Cash withdrawal transactions handled by the teller, branch, or institution.	07	PS	S9(07)	58	61
TLIR-05OUTAMT Out Amount. Amount of cash withdrawal transactions handled by the teller, branch, or institution. This also includes the cashback on deposit transactions.	07	PS	S9(15)V99	62	70
TLIR-05NETCSH Net Cash. Net cash position of the cash drawer, branch, or institution.	07	PS	S9(15)V99	71	79
TLIR-05CRNBR Credit Number. Number of credit transactions handled by the teller, branch or institution.	07	PS	S9(07)	80	83

Field Name	Level	Mode	Picture	Displacement	
TLIR-05CRAMT	07	PS	S9(15)V99	84	92
Credit Amount. Amount of credit transactions handled by the teller, branch, or institution.					
TLIR-05DRNBR	07	PS	S9(07)	93	96
Debit Number. Number of debit transactions handled by the teller, branch, or institution.					
TLIR-05DRAMT	07	PS	S9(15)V99	97	105
Debit Amount. Amount of debit transactions handled by the teller, branch, or institution.					

TLIR-DATA06 – Internal Response Data Format 06

This is the data area for Internal Response Data Format 06. This format is used for teller balancing responses. The library name for this area is TLSIR06.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA06	01	R		1	203

Internal Response Data Format 06 Record.

TLIR-06INFBYTER01	05	G		1	6

Information Byte Return 1. First information byte returned in the data area of Data Format 06 responses.

TLIR-06RWRBILLS	07	N	9(01)	1	1

Wrapped Bills. Indicates whether the wrapped bills field is valid. Valid entries are:

- **0** Wrapped bills is valid.
- **1** Wrapped bills is invalid.

TLIR-06RTHOUS	07	N	9(01)	2	2

Thousands. Indicates whether the thousand-dollar bills field is valid. Valid entries are:

- **0** Thousand-dollar bills field is valid.
- **1** Thousand-dollar bills field is invalid.

TLIR-06RHUNDS	07	N	9(01)	3	3

Hundreds. Indicates whether the hundred-dollar bills field is valid. Valid entries are:

- **0** Hundred-dollar bills field is valid.
- **1** Hundred-dollar bills field is invalid.

TLIR-06RFIFTS	07	N	9(01)	4	4

Fifty-dollar Bills. Indicates whether the fifty-dollar bills field is invalid. Valid entries are:

- **0** Fifty-dollar bills field is valid.
- **1** Fifty-dollar bills field is invalid.

TLIR-06RTWENS	07	N	9(01)	5	5

Twenties. Indicates whether the twenty-dollar bills field is invalid. Valid entries are:

- **0** Twenty-dollar bills field is valid.
- **1** Twenty-dollar bills field is invalid.

TLIR-06RTENS	07	N	9(01)	6	6

Tens. Indicates whether the ten-dollar bills field is invalid. Valid entries are:

- **0** Ten-dollar bills field is valid.
- **1** Ten-dollar bills field is invalid.

TLIR-06INFBYTER02	05	G		7	12

Information Byte Return 2. Second information byte returned in the data area of Data Format 06 response.

Field Name	Level	Mode	Picture	Displacement	
TLIR-06RFIVES	07	N	9(01)	7	7

Fives. Indicates whether the five-dollar bills field is invalid. Valid entries are:

- **0** Five-dollar bills field is valid.
- **1** Five-dollar bills field is invalid.

TLIR-06RTWOS	07	N	9(01)	8	8

Twos. Indicates whether the two-dollar bills field is valid. Valid entries are:

- **0** Two-dollar bills field is valid.
- **1** Two-dollar bills field is invalid.

TLIR-06RONES	07	N	9(01)	9	9

Ones. Indicates whether the one-dollar bills field is valid. Valid entries are:

- **0** One-dollar bills field is valid.
- **1** One-dollar bills field is invalid.

TLIR-06ROBILLS	07	N	9(01)	10	10

Other Bills. Indicates whether the other bills field is valid. Valid entries are:

- **0** Other bills field is valid.
- **1** Other bills field is invalid.

TLIR-06RRCOINS	07	N	9(01)	11	11

Rolled Coins. Indicates whether the rolled coins field is valid. Valid entries are:

- **0** Rolled coins field is valid.
- **1** Rolled coins field is invalid.

TLIR-06RDOLLS	07	N	9(01)	12	12

Dollar Coins. Indicates whether the dollar coins field is valid. Valid entries are:

- **0** Dollar coins field is valid.
- **1** Dollar coins field is invalid.

TLIR-06INFBYTER03	05	G		13	18

Information Byte Return 3. Third information byte returned in the data area of Data Format 06 responses.

TLIR-06RHALVS	07	N	9(01)	13	13

Half-dollars. Indicates whether the half-dollar coins field is valid. Valid entries are:

- **0** Half-dollar coins field is valid.
- **1** Half-dollar coins field is invalid.

TLIR-06RQTRS	07	N	9(01)	14	14

Quarters. Indicates whether the quarters field is valid. Valid entries are:

- **0** Quarters field is valid.
- **1** Quarters field is invalid.

Field Name	Level	Mode	Picture	Displacement	
TLIR-06RDIMES	07	N	9(01)	15	15

Dimes. Indicates whether the dimes field is valid. Valid entries are:

- **0** Dimes field is valid.
- **1** Dimes field is invalid.

TLIR-06RNICKS	07	N	9(01)	16	16

Nickels. Indicates whether the nickels field is valid. Valid entries are:

- **0** Nickels field is valid.
- **1** Nickels field is invalid.

TLIR-06RPENNS	07	N	9(01)	17	17

Pennies. Indicates whether the pennies field is valid. Valid entries are:

- **0** Pennies field is valid.
- **1** Pennies field is invalid.

TLIR-06ROCOINS	07	N	9(01)	18	18

Other Coins. Indicates whether the other coins field is valid. Valid entries are:

- **0** Other coins field is valid.
- **1** Other coins field is invalid.

TLIR-06INFBYTER04	05	G		19	24

Information Byte Return 4. Fourth information byte returned in the data area of Data Format 06 responses.

TLIR-06RCNTCASH	07	N	9(01)	19	19

Counted Cash. Indicates whether the counted cash matches the calculated cash in the cash drawer.

- **0** Cash matches.
- **1** Cash does not match.

TLIR-06RCALCASH	07	N	9(01)	20	20

Calculated Cash. Indicates whether the calculated cash in the cash drawer matches the counted cash.

- **0** Cash matches.
- **1** Cash does not match.

TLIR-06ROVSHORT	07	N	9(01)	21	21

Overage/Shortage. Indicates whether an over or short condition exists between the calculated cash in the cash drawer and the counted cash. Valid entries are:

- **0** Over/Short condition does not exist.
- **1** Over/Short condition does exist.

TLIR-06R022	07	N	9(01)	22	22

Reserved for future use.

TLIR-06R023	07	N	9(01)	23	23

Reserved for future use.

Field Name	Level	Mode	Picture	Displacement	
TLIR-06R024 Reserved for future use.	07	C	X(01)	24	24
TLIR-06BWRBILLS Wrapped Bills. Amount of wrapped bills, expressed in whole dollars.	05	PS	S9(15)	25	32
TLIR-06BTHOUS Thousands. Amount of thousand-dollar bills, expressed in whole dollars.	05	PS	S9(15)	33	40
TLIR-06BHUNDS Hundreds. Amount of hundred-dollar bills, expressed in whole dollars.	05	PS	S9(15)	41	48
TLIR-06BFIFTS Fifties. Amount of fifty-dollar bills, expressed in whole dollars.	05	PS	S9(15)	49	56
TLIR-06BTWENS Twenties. Amount of twenty-dollar bills, expressed in whole dollars.	05	PS	S9(15)	57	64
TLIR-06BTENS Tens. Amount of ten-dollar bills, expressed in whole dollars.	05	PS	S9(15)	65	72
TLIR-06BFIVES Fives. Amount of five-dollar bills, expressed in whole dollars.	05	PS	S9(15)	73	80
TLIR-06BTWOS Twos. Amount of two-dollar bills, expressed in whole dollars.	05	PS	S9(15)	81	88
TLIR-06BONES Ones. Amount of one-dollar bills, expressed in whole dollars.	05	PS	S9(15)	89	96
TLIR-06BOBILLS Other Bills. Amount of other dollar bills, expressed in whole dollars.	05	PS	S9(15)	97	104
TLIR-06BRCOINS Rolled Coins. Amount of rolled coins.	05	PS	S9(15)V99	105	113
TLIR-06BDOLLS Dollar Coins. Amount of dollar coins.	05	PS	S9(15)V99	114	122
TLIR-06BHALVS Half-dollars. Amount of half-dollar coins.	05	PS	S9(15)V99	123	131
TLIR-06BQTRS Quarters. Amount of quarters.	05	PS	S9(15)V99	132	140
TLIR-06BDIMES Dimes. Amount of dimes.	05	PS	S9(15)V99	141	149

Field Name	Level	Mode	Picture	Displacement	
TLIR-06BNICKS Nickels. Amount of nickels.	05	PS	S9(15)V99	150	158
TLIR-06BPENNS Pennies. Amount of pennies.	05	PS	S9(15)V99	159	167
TLIR-06BOCOINS Other Coins. Amount of other coins.	05	PS	S9(15)V99	168	176
TLIR-06BCNTCASH Counted Cash. Dollar amount of the counted cash.	05	PS	S9(15)V99	177	185
TLIR-06BCALCASH Calculated Cash. Calculated cash amount of the cash drawer record.	05	PS	S9(15)V99	186	194
TLIR-06BOVSHORT Overage Shortage. Amount over or short.	05	PS	S9(15)V99	195	203

TLIR-DATA07 – Internal Response Data Format 07

This is the data area for Internal Response Data Format 07. This format is used for Log Record lookup responses. The library name for this area is TLSIR07.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA07	01	R		1	729

Internal Response Data Format 07 Record.

TLIR-07INFBYTER01	05	G		1	6

Information Byte Return 1. First information byte returned in the data area of Data Format 07 responses.

TLIR-07RLGINST	07	N	9(01)	1	1

Institution Number. Indicates whether the institution number requested is valid. Valid entries are:

- **0** Institution number is valid.
- **1** Institution number is invalid.

TLIR-07RLGTLRNBR	07	N	9(01)	2	2

Log Teller ID. Indicates whether the teller ID requested is invalid. Valid entries are:

- **0** Teller ID is valid.
- **1** Teller ID is invalid.

TLIR-07RLGDATE	07	N	9(01)	3	3

Log Date. Indicates whether the date requested is valid. Valid entries are:

- **0** Date requested is valid.
- **1** Date requested is invalid.

TLIR-07RLGTIME	07	N	9(01)	4	4

Log Time. Indicates whether the time requested is valid. Valid entries are:

- **0** Time requested is valid.
- **1** Time requested is invalid.

TLIR-07RLGREFNBR	07	N	9(01)	5	5

Log Reference Number. Indicates whether the reference number requested is valid. Valid entries are:

- **0** Reference number is valid.
- **1** Reference number is invalid.

TLIR-07RPASSUPDT	07	N	9(01)	6	6

Passbook Update. Indicates whether the passbook was updated. Valid entries are:

- **0** Passbook was not updated.
- **1** Passbook was updated.

TLIR-07TLRNBR	05	C	X(08)	7	14

Teller ID. Teller ID involved in the transaction.

TLIR-07REFNBR	05	PS	S9(05)	15	17

Reference Number. Reference number of the transaction.

Field Name	Level	Mode	Picture	Displacement	
TLIR-07BRNBR	05	PS	S9(05)	18	20

Branch Number. Branch number of the teller involved in the transaction.

TLIR-07DATE	05	PS	S9(09)	21	25

Date. Date of the transaction.

TLIR-07TIME	05	PS	S9(07)	26	29

Time. Time of the transaction.

TLIR-07EXTC	05	N	9(04)	30	33

External Transaction Code.

TLIR-07TRANAMT	05	PS	S9(15)V99	34	42

Transaction Amount.

TLIR-07TRANSER	05	PS	S9(15)	43	50

Transaction Serial Number.

TLIR-DRCRCD	05	N	9(01)	51	51

Debit/Credit Code. Debit/Credit code taken from copybook TLW010. Valid entries are:

- **0** Not a debit or credit transaction.
- **1** Credit transaction.
- **2** Debit correction.
- **3** Debit transaction.
- **4** Credit correction.

TLIR-ATRANAMT	05	N	9(02)	52	53

Transaction Amount. Accumulator number for the transaction amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIR-ACASHAMT	05	N	9(02)	54	55

Cash Amount. Accumulator number for the cash amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIR-ACASHBK	05	N	9(02)	56	57

Cashback. Accumulator number for the cashback amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIR-ACHECKAMT	05	N	9(02)	58	59

Check Amount. Accumulator number for the check amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

TLIR-AFEEAMT	05	N	9(02)	60	61

Fee Amount. Accumulator number for the fee amount field. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.

Field Name	Level	Mode	Picture	Displacement	
TLIR-AOFFSET	05	N	9(02)	62	63
Offsetting Transaction. Accumulator number for the offsetting transaction. This value comes from MICM Record 0151, which is stored in the Transaction Processing Table kept in temporary storage.					
TLIR-ACTUALDATE	05	P	9(09)	64	68
Actual Date. Date that program TLL200 received the transaction.					
TLIR-ACTUALTIME	05	P	9(07)	69	72
Actual Time. Time that program TLL200 received the transaction.					
TLIR-07APPLACCT	05	G		73	88
Application Account. Application account number.					
TLIR-07ACCTBK	07	N	9(04)	73	76
Account Institution Number.					
TLIR-07APPL	07	N	9(02)	77	78
Application. External application code.					
TLIR-07ACCT	07	P	9(18)	79	88
Account Number.					
TLIR-07ALTAPPLACCT	05	G		89	104
Alternate Application Account. Information regarding the alternate account					
TLIR-07ALTACCTBK	07	N	9(04)	89	92
Alternate Account Institution. Institution number of the alternate account.					
TLIR-07ALTAPPL	07	N	9(02)	93	94
Alternate Application. External application code.					
TLIR-07ALTACCT	07	P	9(18)	95	104
Alternate Account Number.					
TLIR-07PIN	05	P	9(09)	105	109
Personal Identification Number.					
TLIR-07CASHAMT	05	PS	S9(15)V99	110	118
Cash Amount. Amount of cash involved in the transaction.					
TLIR-07CASHBK	05	PS	S9(15)V99	119	127
Cashback. Amount of cashback involved in the transaction.					
TLIR-07CHECKAMT	05	PS	S9(15)V99	128	136
Check Amount. Check amount involved in the transaction.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-07CHKSERIAL	05	PS	S9(15)	137	144
Check Serial Number. Check serial number involved in the transaction.					
TLIR-07HOLDAMT	05	PS	S9(15)V99	145	153
Hold Amount. Hold amount involved in the transaction.					
TLIR-07HOLDDAYS	05	PS	S9(03)	154	155
Hold Days. Number of hold days involved in this transaction.					
TLIR-07FEEAMT	05	PS	S9(15)V99	156	164
Fee Amount. Fee amount involved in this transaction.					
TLIR-07EFFDT	05	PS	S9(09)	165	169
Effective Date. Effective date of this transaction.					
TLIR-07BOOKBAL	05	PS	S9(15)V99	170	178
Passbook Balance. Passbook balance the teller entered in this transaction.					
TLIR-07APPROVAL	05	G		179	194
Approval. Override information involved in this transaction.					
TLIR-07SUPVNBR	07	C	X(08)	179	186
Supervisor ID. Number of the supervisor who might have overridden this transaction.					
TLIR-07NEWPASS	07	C	X(08)	187	194
Supervisor Password.					
TLIR-07SRINPUT	05	PS	S9(04)	195	197
Source of Input. Source of input for this transaction.					
TLIR-07COSTCTR	05	PS	S9(15)	198	205
Cost Center. Cost center for this transaction.					
TLIR-07DESC1	05	C	X(40)	206	245
Description Line 1. Description Line 1 for this transaction.					
TLIR-07DESC2	05	C	X(40)	246	285
Description Line 2. Description Line 2 for this transaction.					
TLIR-07SOCSEC	05	PS	S9(09)	286	290
Social Security Number. Social security number involved in this transaction.					
TLIR-07RTRNBR	05	P	9(09)	291	295
Transit Number. Routing and transit number.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-07TRANSEQ	05	PS	S9(05)	296	298
Transaction Sequence. Transaction sequence for TDOA accounts.					
TLIR-07BANK	05	N	9(04)	299	302
Institution. Institution number of the requested log record.					
TLIR-07TERMID	05	C	X(04)	303	306
Terminal ID. Terminal ID of the requested log record.					
TLIR-07RETURNCD	05	N	9(04)	307	310
Return Code. Return code of the requested log record.					
TLIR-07FLOAT	05	G		311	450
OCCURS 5 TIMES. Float Information. Float information involved in the log record.					
TLIR-07FLTRTNBR	07	P	9(08)	311	315
Float Transit Number. Routing and transit number for the float.					
TLIR-07FLTAMT	07	PS	S9(15)V99	316	324
Float Amount.					
TLIR-07134SORTCFLT	07	N	9(02)	325	326
Sort Customer Float. Customer float requested or retrieved from temporary storage for MICM record 0134.					
TLIR-07EFACFLT	07	N	9(02)	327	328
EFAS Customer Float. Customer float used. It might have been changed by EFAS.					
TLIR-07134SORTBFLT	07	N	9(02)	329	330
Sort Bank Float. Bank float requested or retrieved from temporary storage for MICM Record 0134.					
TLIR-07EFABFLT	07	N	9(02)	331	332
EFAS Bank Float. Bank float used. It might have been changed by EFAS.					
TLIR-07134ITEMTYPE	07	N	9(02)	333	334
Item Type. Item type found in temporary storage for MICM record 0134.					
TLIR-07ITMCNT	07	PS	S9(07)	335	338
Item Count. Item count for the float.					
TLIR-07MLPRINAMT	05	PS	S9(15)V99	451	459
Loan Principal Amount. Loan principal amount received in the message.					
TLIR-07MLINTAMT	05	PS	S9(15)V99	460	468
Loan Interest Amount. Loan interest amount received in the message.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-07MESCROWAMT	05	PS	S9(15)V99	469	477

Escrow Amount. Loan escrow amount received in the message.

TLIR-07MCOMMITNBR	05	P	9(18)	478	487

Commitment Number. Commitment number received in the message.

TLIR-07MNOTENBR	05	P	9(18)	488	497

Note Number. Note number received in the message.

TLIR-07MCLASSFLD	05	N	9(03)	498	500

Class Field. Class field received in the message.

TLIR-07PAYBYCDE	05	N	9(02)	501	502

Pay-by Code. Pay-by code received in the message.

TLIR-07PAYOFFCDE	05	C	X(01)	503	503

Payoff Code. Payoff code received in the message.

TLIR-07RPASSBOOK	05	C	X(01)	504	504

Passbook Code. Valid entries are:

- ~~**b**~~ Not a passbook.
- **P** Passbook.

TLIR-07RCORRECTED	05	C	X(01)	505	505

Corrected. Correction information byte. Valid entries are:

- **0** Not a correcting transaction.
- **1** A correcting transaction.
- **2** A corrected transaction.

TLIR-07ODCRCODE	05	C	X(01)	506	506

Overdraft Credit Code. Valid entries are:

- **B** Transfer from credit line first, then savings.
- **C** Transfer from credit card.
- **D** Deposit account.
- **L** Loan account.
- **M** Transfer from Master Card.
- **N** No overdraft account.
- **S** Transfer from savings.
- **V** Transfer from Visa.
- **X** Savings account first, then credit line.
- **Y** Loan account first, then deposit account.

Note: A space in this field is not allowed by Time Investment.

Field Name	Level	Mode	Picture	Displacement	
TLIR-07ODLCODE	05	C	X(01)	507	507

Overdraft Limit Code. Valid entries are:

- **A** Pay all overdrafts.
- **F** Pay to the limit calculated automatically for each overdraft.
- **L** Pay to set limit.
- **T** Pay to set limit in thousands of dollars.

TLIR-07MSTATUS	05	C	X(01)	508	508

Account Status. Valid entries are:

- ~~**b**~~ Open and active.
- **C** Account closed.
- **P** Account closed and flagged to be purged.

TLIR-07MNOPOST	05	C	X(01)	509	509

No Posting. Posting code for the account. Valid entries are:

- ~~**b**~~ or **N** Post all transactions.
- **A** Do not post any transactions.
- **B** Account blocked to all posting.
- **C** Do not post any credit transactions.
- **D** Do not post any debit transactions.

TLIR-07MADES	05	C	X(01)	510	510

Account Designation. Valid entries are:

- **C** Certificate of Deposit.
- **D** Deposit account.
- **L** Loan account.
- **O** Overdraft account.
- **S** Savings account.
- **T** Time Deposit open account.

TLIR-07MOFFLINE	05	C	X(01)	511	511

Offline. Offline information byte. Valid entries are:

- **0** Transaction was processed online.
- **1** Transaction was processed offline to the host.

TLIR-07RFORCE	05	C	X(01)	512	512

Force. Force information byte. Valid entries are:

- **0** Teller force was not present for processing.
- **1** Teller force was used to process this transaction.

TLIR-07MOVERIDE	05	C	X(01)	513	513

Override. Override information byte. Valid entries are:

- **0** Supervisor override was not present for processing.
- **1** Supervisor override was used to process this transaction.

Field Name	Level	Mode	Picture	Displacement	
TLIR-07MATMFLAG	05	C	X(01)	514	514

ATM Flag. ATM information byte. Valid entries are:

0 Transaction did not originate at an ATM.
1 Transaction was originated at an ATM.

TLIR-07RREJECT	05	C	X(01)	515	515

Reject. Reject information byte. Valid entries are:

0 Transaction was not rejected.
1 Transaction was rejected.

TLIR-07MPMTRAN	05	C	X(01)	516	516

PM Transaction. PM information byte. Valid entries are:

0 AM transaction.
1 PM transaction.

TLIR-07BONDS	05	G		517	707

Bonds. Bond information used when creating the tape for the federal government.

TLIR-07BOWNER	07	C	X(28)	517	544

Bond Owner. Bond owner's name.

TLIR-07BNINDEX	07	C	X(30)	545	574

Bond Name Index. Last name of bond owner.

TLIR-07BADDR1	07	C	X(28)	575	602

Bond Address 1. Mailing address line 1 or care-of name (corresponds wit TLIR-07BDELIVECD).

TLIR-07BADDR2	07	C	X(28)	603	630

Bond Address 2. Mailing address line 2 (for bond delivery).

TLIR-07BCITY	07	C	X(20)	631	650

Bond City. City for bond delivery.

TLIR-07BSTATE	07	C	X(02)	651	652

Bond State. State for bond delivery.

TLIR-07BZIP	07	P	9(09)	653	657

Bond Delivery ZIP Code. The five-digit ZIP code should be left justified, with trailing zeros if needed.

TLIR-07BCOWNER	07	C	X(28)	658	685

Bond Co-owner. Second named person on bond.

TLIR-07BDELIVECD	07	N	9(01)	686	686

Bond Delivery Code. Indicates where to mail the bond. Valid entries are:

2 Mail bond to owner.
3 Mail bond to care-of address indicated in TLIR-07BADDR1.

Field Name	Level	Mode	Picture	Displacement	
TLIR-07BCONTYPE	07	C	X(03)	686	689

Bond Co-owner Type. Co-owner payment type code. Valid entries are:

- **~~b~~** Bond owner only.
- **OR** Bond owner or second named person.
- **POD** Payment on death to second named person.

TLIR-07BD50S	07	P	9(03)	690	691

Fifties. Fifty-dollar denomination field.

TLIR-07BD75S	07	P	9(03)	692	693

Seventy-fives. Seventy-five dollar denomination field.

TLIR-07BD100S	07	P	9(03)	694	695

Hundreds. One-hundred dollar denomination field.

TLIR-07BD200S	07	P	9(03)	696	697

Two-hundreds. Two-hundred dollar denomination field.

TLIR-07BD500S	07	P	9(03)	696	699

Five-hundreds. Five-hundred dollar denomination field.

TLIR-07BD1000S	07	P	9(03)	700	701

Thousands. One-thousand dollar denomination field.

TLIR-07BD5000S	07	P	9(03)	702	703

Five-thousands. Five-thousand dollar denomination field.

TLIR-07BD10000S	07	P	9(03)	704	705

Ten-thousands. Ten-thousand dollar denomination field.

TLIR-07RBACKDATE	07	C	X(01)	706	706

Indicates if the effective date has exceeded the backdating parameters. Valid entries are:

- **0** Effective date has not exceeded the backdating parameters.
- **1** Effective date has exceeded the backdating parameters.

TLIR-07RFILEAVAIL	07	C	X(01)	707	707

Availability Flag.

TLIR-07CKSOUT	05	B	S9(15)V99	708	715

TLIR-07INTC	05	N	9(04)	716	719

Internal Code. Internal transaction code for Transaction Gateway.

Field Name	Level	Mode	Picture	Displacement	
TLIR-07FORMAT	05	C	X(02)	720	721

Format. Format code of the message. Valid entries are:

- **01** Teller signon/signoff, buy and sell cash.
- **02** Customer/monetary transactions.
- **03** Teller maintenance transactions.
- **04** Teller message transactions.
- **05** Cash inquiry transactions.
- **06** Teller balancing transactions.
- **07** Log record lookup transactions.
- **11** Settlement inquiry transactions.

TLIR-07TLRNBR2	05	C	X(08)	722	729

Alternate Teller ID.

TLIR-DATA08 – Internal Response Data Format 08

This is the data area for Internal Response Data Format 08. This format is used for stop payment responses. The library name for this area is TLSIR08.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA08 Internal Response Data Format 08 Record.	01	R		1	127
TLIR-08INFBYTER01 Information Byte Return 1. First information byte returned in the data area of Data Format 08 responses.	05	G		1	6
TLIR-08RSPNOSTOPS Indicates whether the account has stops. Valid entries are: **0** Account has stops. **1** Account does not have stops.	07	N	9(01)	1	1
TLIR-08RSPENDSTOPS Indicates whether all stops have been presented. Valid entries are: **0** Stop records still exist. **1** All stop records have been processed.	07	N	9(01)	2	2
TLIR-08R003 Reserved for future use.	07	N	9(01)	3	3
TLIR-08R004 Reserved for future use.	07	N	9(01)	4	4
TLIR-08R005 Reserved for future use.	07	N	9(01)	5	5
TLIR-08R006 Reserved for future use.	07	N	9(01)	6	6
TLIR-08APPL Application. External application code.	05	N	9(02)	7	8
TLIR-08ACCOUNT Account Number.	05	P	9(18)	9	18
TLIR-08TYPE Type. Type of stop payment.	05	C	X(01)	19	19
TLIR-08AMT Amount. Amount of the stop payment.	05	PS	S9(09)V99	20	25

Field Name	Level	Mode	Picture	Displacement	
TLIR-08EXPDATE	05	PS	S9(09)	26	30
Expiration Date. Expiration date of the stop payment.					
TLIR-08ENTDATE	05	PS	S9(09)	31	35
Enter Date. Date the stop payment was entered.					
TLIR-08DESC1	05	C	X(30)	36	65
Description Line 1.					
TLIR-08DESC2	05	C	X(30)	66	95
Description Line 2.					
TLIR-08LOWSERIAL	05	P	9(11)	96	101
Low Serial. Lowest serial number in the range for a stop payment on a series of checks.					
TLIR-08HISERIAL	05	P	9(11)	102	107
High Serial. Highest serial number in the range for a stop payment on a series of checks.					
TLIR-08SEQNBR	05	N	9(04)	108	111
Sequence Number. Assigned by Infopoint Deposits.					
TLIR-08CHARGE	05	C	X(01)	112	112
Charge Indicator. Assigned by Infopoint Deposits.					
TLIR-08EMPLOYEE	05	C	X(09)	113	121
Employee. Code number of the employee who set the stop payment.					
TLIR-08SOURCE	05	C	X(01)	122	122
Source. Code for how the stop payment was applied, as assigned by Infopoint Deposits.					
TLIR-08ACTION	05	C	X(01)	123	123
Action Code. Code assigned by Infopoint Deposits.					
TLIR-08OLDSEQ	05	N	9(04)	124	127
Old Sequence Number.					

TLIR-DATA09 – Internal Response Data Format 09

This is the data area for Internal Response Data Format 09. This format is used for not-booked transaction responses. The library name for this area is TLSIR09.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA09	01	R		1	1217
Internal Response Data Format 09 Record.					
TLIR-09NBCOUNT	05	N	9(02)	1	2
Not-booked Count. Number of not-booked transactions in this message.					
TLIR-NBOCCURS	05	G		3	1208
OCCURS 18 TIMES. Information regarding the not-booked transactions.					
TLIR-09TYPE	07	N	9(02)	3	4

Type. Indicates the type of not-booked transaction. The terminal control system uses these codes to determine the description for printing in the passbook. Valid entries are:

- **1** Credit.
- **2** Debit correction.
- **3** Debit.
- **4** Credit correction.
- **5** Interest.
- **6** Federal withholding tax.
- **7** Service charge.
- **8** Credit (non-balance).
- **9** Debit (non-balance).

TLIR-09EFFDTE	07	PS	S9(09)	5	9
Effective Date.					
TLIR-09AMT	07	PS	S9(15)V99	10	18
Transaction Amount.					
TLIR-09TLRNBR	07	C	X(08)	19	26
Teller ID. Teller ID originating the transaction.					
TLIR-09BRNBR	07	PS	S9(05)	27	29
Branch Number. Branch number assigned to the teller or device originating the transaction.					
TLIR-09RENLAST	07	PS	S9(09)	30	34
Renewal Date.					
TLIR-09RENNEXT	07	PS	S9(09)	35	39
Next Renewal Date.					
TLIR-09INTRATE	07	PS	SV9(09)	40	44
Renewal Rate.					

Field Name	Level	Mode	Picture	Displacement	
TLIR-09RENAPY Renewal APY.	07	PS	S9(02)V9(9)	45	50
TLIR-09RENTERM Renewal Term.	07	PS	S9(03)	51	52
TLIR-09RENFREQ Renewal Frequency.	07	C	X(01)	53	53
TLIR-09INTTERM Interest Term.	07	PS	S9(03)	54	55
TLIR-09INTFREQ Interest Frequency.	07	C	X(01)	56	56
TLIR-09INTDISP Interest Disposition.	07	C	X(01)	57	57
TLIR-09TRFACCT Transferred Account. Account to which interest is being transferred.	07	P	9(18)	58	67
TLIR-09TRFAPPL Transferred Application. Application to which interest is being transferred.	07	N	9(02)	68	69
TLIR-09BOOKBAL Passbook Balance. New passbook balance.	05	PS	S9(15)V99	1209	1217

TLIR-DATA10 – Internal Response Data Format 10

This is the data area for Internal Response Data Format 10. This format is used for error message responses. The library name for this area is TLSIR10.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA10 Internal Response Data Format 10 Record.	01	R		1	120
TLIR-10ERRLINE1 Description Line 1.	05	C	X(40)	1	40
TLIR-10ERRLINE2 Description Line 2.	05	C	X(40)	41	80
TLIR-10ERRLINE3 Description Line 3.	05	C	X(40)	81	120

TLIR-DATA11 – Internal Response Data Format 11

This is the data area for Internal Response Data Format 11. This format is used for settlement inquiry responses. The library name for this area is TLSIR11.

Field Name	Level	Mode	Picture	Displacement	
TLIR-DATA11 Internal Response Data Format 11 Record.	01	R		1	1701
TLIR-STLMOCCURS OCCURS 63 TIMES. Settlement information.	05	G		1	1701
TLIR-11TYPE Type. Type of settlement information for this occurrence.	07	C	X(01)	1	1
TLIR-11DBCOUNT Debit Count. Number of debits for this type.	07	PS	S9(07)	2	5
TLIR-11DBAMT Debit Amount. Total debit dollar amount for this type.	07	PS	S9(15)V99	6	14
TLIR-11CRCOUNT Credit Count. Number of credits for this type.	07	PS	S9(07)	15	18
TLIR-11CRAMT Credit Amount. Total credit dollar amount for this type.	07	PS	S9(15)V99	19	27

Chapter

7

Interface Programs

This chapter explains how a controller interfaces with Transaction Gateway 9.0. The following interfacing methods are available to meet varying needs.

- Using standard message and response formats, which requires that the controller operate through these formats
- Using native message and response formats, for customers whose terminal vendors cannot program the controller to send standard message and response formats
- Using standard message and response formats, for customers currently using Teller 8.2

Transaction Gateway online processing uses IBM CICS/TS (Customer Information Control System/Transaction Server) as its component. Programs are written in COBOL/CICS command level. Maps are written in CICS/macro level. The file access method can be VSAM (Virtual Storage Access Method) or DB2.

A batch feed process is available for the online Transaction Gateway system. A transaction record may be formatted and used to update the application's master record.

Transaction Gateway is capable of interfacing with many non-Infopoint applications along with the following Infopoint products.

- Deposits (Online and Batch)
- Expedited Funds Availability Scheduler (EFAS) (Online and Batch)
- Financial Control System (FCS) (Batch extract)
- Integrated Installment Loans (Online and Batch)
- Account Analysis (Batch extract)
- Time Investment (Online and Batch)

Interfacing Using Standard Message and Response Formats

The terminal controller sends the standard message and receives the standard response. The formats for these messages are presented in the Standard Messages chapter of this guide; the formats for the responses are presented in Internal Responses chapter of this guide.

Although each field is described, whether it is sent or returned depends on the transaction and the field value. Field bytes are used to determine whether a field is present, and the field bytes are formatted according to the standard message and response formats. Information bytes are included in the formats. Additional information regarding a transaction may be sent along with the field. When a transaction is rejected, the rejection bit is to be turned on. Transaction Gateway does not transmit unnecessary data, and message lengths and field lengths are variable. Field and information bytes are compressed to one byte when using the standard message and response formats. There are six bits in every byte used in the standard message and response formats.

TLL200 – Transaction Processing

This program interprets the standard message and constructs a standard internal message. The program completes the internal messages that it receives from programs TLL090 or TLL094 and constructs the standard response and routes the response to the control program(s). It returns both the internal message and response to those programs using the internal formats.

One of the features of this program is that it writes the messages and responses to a debug file. This option is stored on MICM Record 0153 for the Transaction Gateway application. Refer to the ***Procedures Guide*** for directions on how to use this option. The debug file saves the original message that it receives, and it saves the response that it returns. Using the debug file saves time when testing the interface.

Note: When running release 8.2 with release 9.0, you must have a new release 9.0 CICS tran code.

The message can be received at a terminal device, a transaction work area, a communication area, or by a receive command if Transaction Gateway was invoked with a Start Task. When the message passed is in the internal format, it must be preceded by the MICM Communication Area. The method used to receive the message is used to send back the response. Messages from devices can be referred to as LU1 or LU2.

Important

Do not modify this program.

Interfacing Using Native Message and Response Formats

If the controller is not designed to conform to the standard message and response formats or if the branch automation code is host resident, use the native formats. A program has been supplied to allow for this, but *it must be modified to fit the needs of each controller*. The program is set up to explain how to format the internal message and receive the internal response. You may need to add an additional transaction code to CICS and refer it to this program or you may need to modify the transaction code in CICS to refer to TLL090.

Note: The limitations of the terminal vendor may restrict some of Transaction Gateway's capabilities.

TLL090 – Native Message Reformat

This program is used to receive a native message from the controller, which is converted into an internal message. The program links to TLL200 to begin processing. The program then receives an internal response from TLL200, which is converted into a native response format.

> **Important**
>
> This program is *not complete* as delivered and *must be modified* to fit your needs.

This program is used when a controller is not designed to conform to standard message and response formats. Limitations may exist depending on your terminal message and response formats. You may not be able to take full advantage of the options that Transaction Gateway 9.0 offers.

Interfacing Using Teller 8.2 Standard Message and Response Formats

For existing customers, the controller may not be ready to conform to the new message formats. You may use the new release by modifying the CICS tran code that points to TLL200 so that it points to TLL094. The program is then capable of converting a standard or internal message for Teller 8.2 to an internal message for Transaction Gateway 9.0.

TLL094 – Teller 8.2 Interface

This program is used to receive the standard or internal message for Teller 8.2 and converts it into the internal message for Transaction Gateway 9.0. It links to TLL200 and receives the internal response and converts it to the standard or internal response format for Teller 8.2. This program is used primarily by current customers who are waiting for their terminal controller to be programmed for release 9.0 of Transaction Gateway.

Using the Debug File

The Debug File is used to aid the customer when testing with the terminal controller. This file logs the messages received from the terminal and the responses sent to the terminal. This feature should be used during testing, then turned off.

MICM Panel 0153

Set the Debug option on MICM Panel 0153 for the Transaction Gateway application and Institution zero. This flag is stored in the System Manager Table in temporary storage. The option in use at the time of tables build is performed online. Valid entries are:

- **N** Do not use the debug option.
- **Y** Use the debug option.

Note: If you decide to turn the option on or off after the tables have been built, you must rebuild the tables to activate the option. Use the TLOP function to rebuild the online tables.

Creating the Debug File

Run the IDCAMS utility to create the Debug File. Sample IDCAMS delete and define statements are provided. Modify them to meet your installation standards.

The file can be initialized by running program TLC040. Type **D** in the control card and execute the program.

Printing the Debug File

1. Use the IDCAMS utility to print the file. The Debug File is an entry sequenced file and cannot be accessed online. Use the dump option because some fields are not acceptably formatted for print. Close the file before submitting the print request.
2. Examine the debug records. Refer to the Debug File in the Application Files chapter of the ***Reference Guide*** and the Standard/Internal Messages/Responses chapters in this ***Interface Guide***.

Chapter

8

Batch Feed Interfacing

This chapter explains how to create a Batch Feed File which can be used to input transactions into the system online. Exercise caution when using this method to update passbook transactions. Depending on how you extract, you may run the risk of creating two not-booked transactions; therefore it is advisable to extract from Transaction Gateway.

The Batch Feed File is the Internal Message and Response Format. This file can be created in batch and then processed online to update the application's Master Record and the Teller Record. TLOP is the transaction code that permits you to process the Batch Feed File. The panel is the same one used to build tables and perform store-and-forward processing.

You can write your own program to read a file and create the Batch Feed File. Use TLR200 as an example for creating a program of this kind. Program TLR210 has already been designed to create reports that show accepted and rejected transactions. For testing purposes, program TLR220 has been designed to read the Transaction Gateway Log Records and create the Batch Feed File.

File Descriptions

The record descriptions for the Batch Feed File are detailed by field. Each field is described by the following headings:

Field Name Actual COBOL name used in the record.

Level Level number of the field, as assigned in the COBOL record.

Mode Type of field defined. The following codes are used:

- **B** Binary data only. Refers to COMPUTATIONAL halfword (2-byte), fullword (4-byte) and doubleword (8-byte) fields. Fields can be signed or unsigned.
- **C** Character or alphanumeric data.
- **G** Group. Field represents a combination of fields immediately following it.
- **N** Numeric data only.
- **NS** Numeric data with sign.
- **P** Packed numeric data. Refers to unsigned COMPUTATIONAL-3 fields.
- **PS** Packed numeric data with sign. Refers to signed COMPUTATIONAL-3 fields.
- **R** Record. The first field in the record usually represents the entire record.

Picture COBOL format of the field indicating the field's content, length, whether it is signed or unsigned, and decimal position.

Displacement Starting and ending position of the field. The first position used is '1'. If the field is defined with an OCCURS clause, the displacement is represented in one of two ways. When the field has a mode of 'G', the displacement represents the total length of the field multiplied by the number of occurrences. For all other modes, the displacement represents the length of the first occurrence of the field. When a field has a variable length, a 'V' is placed in the second, or ending, position of the displacement.

When several files contain the same record, the record is described once. All subsequent occurrences of that record are referenced to the original description. When two records have the same format but different names, both record names are given, referring to the record that contains the field descriptions. Occasionally, a single record is divided into multiple records, using a redefines clause. When this occurs, each redefinition is preceded by a record description, as if it were an independent record.

TLBTCH – Batch Feed File

This file is used for feeding batch items to the online Transaction Gateway application. For production mode, program TLR200 reads an ACH file and creates this file (Format 02 only). The System Operator transaction code, TLOP, allows you to start batch feeding items. For test mode, program TLR220 reads an ACH file and creates this file (all formats).

File Statistics

File Type	Disk
Access Method	VSAM, Key-sequenced Dataset
Key Length	0010 Bytes
External Name	TLSBTCH

Record Name	Library Name	Record Length
TLBTCH-RECORD	TLSBTCH	1071 Bytes

TLBTCH-RECORD – Batch Feed Record

The following record description shows the layout for the Batch Feed Record.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RECORD Batch Feed Record.	01	R		1	1071
TLBTCH-KEY Key Data.	03	G		1	10
TLBTCH-KSEQUENCE Sequence. Sequential number determined by TLR200 at the time the program is executed. The key sequence starts with **1** and adds one to each record as it writes to the batch feed file.	05	PS	S9(18)	1	10
TLBTCH-CONSTANT00 Constant Data Area. This area is used for creating the data area of the internal message by program TLL050.	03	G		11	120
TLBTCH-CICSTC CICS Transaction Code. This field is initialized to blanks.	05	C	X(04)	11	14
TLBTCH-MSGSOURCE Message Source.	05	C	X(04)	15	18
TLBTCH-TRANSLATECDE Translation Table Number.	05	C	X(01)	19	19

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-MSGCODE	05	C	X(01)	20	20

Message Code. Indicates the type of message sent. Valid entries are:

- **E** Standard message format.
- **I** Internal message format.

TLBTCH-INST	05	PS	S9(04)	21	23

Institution Number from Control Card 110.

TLBTCH-TLRNBR	05	C	X(08)	24	31

Teller Number from Control Card 109.

Note: Assign a unique number so that it is easily recognizable as a transaction created by the batch feed process.

TLBTCH-REFNBR	05	PS	S9(05)	32	34

Transaction Reference Number.

TLBTCH-BRNBR	05	PS	S9(05)	35	37

Branch Number from Control Card 109.

Note: Assign a unique number so that it is easily recognizable as a transaction created by the batch feed process.

TLBTCH-TERMID	05	C	X(04)	38	41

Terminal ID Number. This field is initialized to blanks.

Note: The TLBTCH-DATE and TLBTCH-TIME fields are modified to the current date and time of online processing.

TLBTCH-DATE	05	PS	S9(09)	42	46

Current Date. This field is initialized to the date sent in the message.

TLBTCH-TIME	05	PS	S9(07)	47	50

Current Time. This field is initialized to the current time TLR200 is executed.

TLBTCH-PROCDT	05	PS	S9(09)	51	55

Processing Date. Current date from the institution record on the Institution Control Record. Format is MMDDYYYY.

TLBTCH-EXTC	05	N	9(04)	56	59

External Transaction Code. This field is based on the external transaction codes submitted through the control cards, which correspond to the transaction codes on the ACH file.

TLBTCH-INTC	05	N	9(04)	60	63

Internal Transaction Code.

TLBTCH-TRANAMTX	05	G		64	72

Transaction Amount Group Level.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-TRANAMT ACH Record Transaction Amount.	07	PS	S9(15)V99	64	72
TLBTCH-TRANSER Transaction Amount Serial Number.	05	P	9(11)	73	78
TLBTCH-FORMAT Message Format Code.	05	N	9(02)	79	80
TLBTCH-TLRCSHDWR Teller Cash Drawer Number. Cash drawer number for the teller sending the message.	05	C	X(08)	81	88
TLBTCH-PROCESS Record Process Code. Indicates whether the record has been processed. This field is initialized to zero. This field is initialized to **1** by TLL050 when the record has been processed online. Valid entries are: **0** Online processing has not occurred. **1** Online processing has occurred.	05	C	X(01)	89	89
TLBTCH-INFBYTEM01 Information Byte 1. First information byte sent in the internal message.	05	G		90	95
TLBTCH-MPMTRAN PM Indicator. This field is initialized to zero.	07	C	X(01)	90	90
TLBTCH-MOFFLINE Offline Authorization Indicator. Indicates whether the transaction was authorized while the host was down. This field is initialized to zero.	07	C	X(01)	91	91
TLBTCH-MFORCE Teller Force Indicator. Indicates whether a teller force is in effect. This field is initialized to one.	07	C	X(01)	92	92
TLBTCH-MOVERRIDE Supervisor Override Indicator. Indicates whether a supervisor override is in effect. This field is initialized to zero.	07	C	X(01)	93	93
TLBTCH-MPASSBOOK Passbook Present Indicator. Indicates whether a passbook is present for the transaction. This field is initialized to zero.	07	C	X(01)	94	94
TLBTCH-MNOBALN Application Not On Balance Record Indicator. Indicates whether the application processed is not on the Balance Record. This field is initialized to zero.	07	C	X(01)	95	95
TLBTCH-TQTRANSEC Transaction Code Security Level. Security level of the transaction code found in temporary storage.	05	C	X(01)	96	96

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-INFBYTEM02	05	G		97	102

Information Byte 2. Second information byte sent in the internal message.

TLBTCH-MTLRBYPAS	07	C	X(01)	97	97

Bypass Teller Security and Cash Drawer Updating. Indicates whether teller security and cash drawer updating should be bypassed. This field is initialized to zero.

TLBTCH-MCORRECT	07	C	X(01)	98	98

Correcting Transmission Indicator. Indicates whether the transaction is a correcting transaction. This field is initialized to zero.

TLBTCH-MATMFLAG	07	C	X(01)	99	99

ATM Flag Indicator. Indicates whether the transaction was originated at an ATM. This field is initialized to zero.

TLBTCH-MSIMULATOR	07	C	X(01)	100	100

Simulator Origin Indicator. Indicates whether the transaction was originated by the simulator. This field is initialized to zero.

TLBTCH-MPROPATM	07	C	X(01)	101	101

Proprietary ATM Origin Indicator. Indicates whether the ATM originating this transaction was a proprietary ATM. This field is initialized to zero.

TLBTCH-MNOTICEIN	07	C	X(01)	102	102

Regulation CC Notice Print Indicator. Indicates whether the Regulation CC notice was printed. This field is initialized to zero.

TLBTCH-INFBYTEM03	05	G		103	108

Information Byte 3. Third information byte sent in the internal message.

TLBTCH-MFLTOVRIDE	07	C	X(01)	103	103

Float Override. Indicates whether float decisions should be overridden. This field is initialized to zero.

TLBTCH-MIS-REFRESH	07	C	X(01)	104	104

Refresh Transaction Code. Indicates whether this is a refresh transaction - do not log. Valid entries are:

- **0** Transaction is not a refresh transaction.
- **1** Transaction is a refresh transaction.

Note: This field and the next two fields are set internally. When interfacing with program TLL200, set them to '0'. Entering a '1' in these fields could cause processing problems.

TLBTCH-MDURING-REFRESH	07	C	X(01)	105	105

During Refresh. Indicates whether this transaction was processed during refresh. Valid entries are:

- **0** Transaction was not processed.
- **1** Transaction was processed.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-MDURING-FORWARD	07	C	X(01)	106	106

During Forwarding. Indicates whether this transaction was processed during forwarding. Valid entries are:

0 Transaction was not processed during forwarding.
1 Transaction was processed during forwarding.

TLBTCH-M017	07	C	X(01)	107	107

Reserved for future use (initialized to zero).

TLBTCH-M018	07	C	X(01)	108	108

Reserved for future use (initialized to zero).

TLBTCH-USERBYTEM01	05	G		109	114

User Byte 1. First user byte sent in the internal message.

TLBTCH-UBM001	07	C	X(01)	109	109

User-defined (initialized to zero).

TLBTCH-UBM002	07	C	X(01)	110	110

User-defined (initialized to zero).

TLBTCH-UBM003	07	C	X(01)	111	111

User-defined (initialized to zero).

TLBTCH-UBM004	07	C	X(01)	112	112

User-defined (initialized to zero).

TLBTCH-UBM005	07	C	X(01)	113	113

User-defined (initialized to zero).

TLBTCH-UBM006	07	C	X(01)	114	114

User-defined (initialized to zero).

FILLER	05	C	X(06)	115	120

Reserved for future use.

TLBTCH-DATA	03	G		121	751

Data Area for Various Formats.

TLBTCH-APPLACCT	05	G		121	138

Primary Application/Account Area.

TLBTCH-ACCTBK	07	N	9(04)	121	124

Primary Account Institution Number.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-EXTAPPL External Application Code.	07	N	9(02)	125	126
TLBTCH-INTAPPL Internal Application Code.	07	N	9(02)	127	128
TLBTCH-ACCT Primary Account Number.	07	P	9(18)	129	138
TLBTCH-ALTAPPLACCT Secondary Application/Account Area.	05	G		139	156
TLBTCH-ALTACCTBK Secondary Account Institution Number.	07	N	9(04)	139	142
TLBTCH-ALTEXTAPPL Secondary External Application Code.	07	N	9(02)	143	144
TLBTCH-ALTINTAPPL Secondary Internal Application Code.	07	N	9(02)	145	146
TLBTCH-ALTACCT Secondary Account Number.	07	P	9(18)	147	156
TLBTCH-PIN Personal Identification Number for the Account.	07	PS	S9(09)	157	161
TLBTCH-CASHAMT Cash Amount. Cash amount involved in the transaction.	05	PS	S9(15)V99	162	170
TLBTCH-CASHBK Cash Back. Amount of cash returned to the customer	05	PS	S9(15)V99	171	179
TLBTCH-CHECKAMT Check Amount. Check amount involved in the transaction.	05	PS	S9(15)V99	180	188
TLBTCH-CHKSERIAL Check Serial Number. Check serial number involved in the transaction.	05	PS	S9(15)	189	196
TLBTCH-HOLDAMT Hold Amount. Hold amount for the transaction.	05	PS	S9(15)V99	197	205
TLBTCH-HOLDDAYS Hold Days. Number of days for the hold.	05	PS	S9(03)	206	207

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-FEEAMT Fee Amount. Fee amount involved in the transaction.	05	PS	S9(15)V99	208	216
TLBTCH-EFFDT Effective Date. Effective date of the transaction. Format is MMDDYYYY.	05	PS	S9(09)	217	221
TLBTCH-MBOOKBAL Passbook Balance.	05	PS	S9(15)V99	222	230
TLBTCH-APPROVAL Approval. Supervisor information for an override.	05	G		231	246
TLBTCH-SUPVNBR Supervisor Number.	07	C	X(08)	231	238
TLBTCH-SUPVPASS Supervisor Password.	07	C	X(08)	239	246
TLBTCH-COSTCTR Cost Center. Cost center involved in the transaction.	05	PS	S9(15)	247	254
TLBTCH-DESC1 Transaction Description Line 1.	05	C	X(40)	255	294
TLBTCH-DESC2 Transaction Description Line 2.	05	C	X(40)	295	334
TLBTCH-SOCSEC Social Security. Social security number for the transaction.	05	PS	S9(09)	335	339
TLBTCH-RTRNBR Routing and Transit Number. Routing and transit number involved in the transaction.	05	PS	S9(09)	340	344
TLBTCH-TRANSEQ Transaction Sequence Number. Infopoint Time Investment (TDOA) accounts.	05	PS	S9(05)	345	347
TLBTCH-ACHTRACENO ACH Trace Number.	05	PS	S9(15)	348	355
TLBTCH-SRINPUT Input Number Source. Source of input number.	05	PS	S9(04)	356	358
TLBTCH-LPRINAMT Loan Principal Amount. Loan principal amount of transaction.	05	P	9(15)V99	359	367

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-LINTAMT	05	P	9(15)V99	368	376
Loan Interest Amount. Loan interest amount of transaction.					
TLBTCH-LESCROWAMT	05	P	9(15)V99	377	385
Loan Escrow Amount. Loan escrow amount of transaction.					
TLBTCH-CLOANSAREA	05	G		386	405
CL Information Area. Infopoint Integrated Commercial Loans information area.					
TLBTCH-COMMITNBR	07	P	9(18)	386	395
CL Commitment Number. Commitment number associated with the commercial loan account.					
TLBTCH-NOTENBR	07	P	9(18)	396	405
CL Note Number. Note number associated with a commercial loan account.					
TLBTCH-ILOANSAREA	05	G		406	411
IL Information Area. Infopoint Integrated Installment Loans information area.					
TLBTCH-CLASSFLD	07	N	9(03)	406	408
IL Account Class. Class associated with an installment loan account.					
TLBTCH-PAYBYCDE	07	N	9(02)	409	410
Pay-by Code.					
TLBTCH-PAYOFFCDE	07	C	X(01)	411	411
IL Payoff Code. Payoff code for installment loans. Valid entries are: ~~**b**~~ Regular payment. **X** Payoff payment.					
TLBTCH-MFLOAT	05	G		412	526
OCCURS 5 TIMES. Float Information Area.					
TLBTCH-FLTRTNBR	07	P	9(08)	412	416
Float Routing and Transit Number. Routing and transit number associated with this float occurrence. This number is used to look up MICM Record 0134 information kept in temporary storage.					
TLBTCH-FLOATAMT	07	P	9(15)V99	417	425
Float Amount.					
TLBTCH-134SORTCFLT	07	N	9(02)	426	427
Customer Float. Customer float sent in the message or taken from temporary storage for MICM Record 0134.					
TLBTCH-134SORTBFLT	07	N	9(02)	428	429
Institution Float. Institution float sent in the message or taken from temporary storage for MICM Record 0134.					

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-134ITEMTYPE	07	N	9(02)	430	431
Item Type Number. This number can be sent in the message or taken from temporary storage for MICM Record 0134.					
TLBTCH-ITMCNT	07	P	9(05)	432	434
Item Count.					
TLBTCH-MUSERAREA1	05	C	X(18)	527	544
User-defined Area 1.					
TLBTCH-MUSERAREA2	05	C	X(18)	545	562
User-defined Area 2.					
TLBTCH-BONDS	05	G		563	751
Bond Information. Bond information used to create tape for the federal government.					
TLBTCH-BOWNER	07	C	X(28)	563	590
Bond Owner Name.					
TLBTCH-BNINDEX	07	C	X(30)	591	620
Name Index. Last name of the bond owner.					
TLBTCH-BADDR1	07	C	X(28)	621	648
Bond Address 1. Mailing address line 1 or care-of name.					
TLBTCH-BADDR2	07	C	X(28)	649	676
Bond Address 2. Mailing address line 2 (for bond delivery).					
TLBTCH-BCITY	07	C	X(20)	677	696
Bond Delivery City.					
TLBTCH-BSTATE	07	C	X(02)	697	698
Bond Delivery State.					
TLBTCH-BZIP	07	P	9(09)	699	703
Bond ZIP. ZIP code for bond delivery.					
TLBTCH-BCOWNER	07	C	X(28)	704	731
Bond Co-owner. Second named person on bond.					
TLBTCH-BDELIVECD	07	N	9(01)	732	732

Bond Delivery Code. Indicates where to mail the bond. Valid entries are:

2 Mail bond to owner.

3 Mail bond to care-of address indicated in TLBA-01BADDR1.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-BCONTYPE	07	C	X(03)	733	735

Co-owner Payment Type Code. Valid entries are:

- **b** Bond owner only.
- **OR** Bond owner or second named person.
- **POD** Payment on death to second named person.

TLBTCH-BD50S	07	P	9(03)	736	737

Fifty-dollar Denomination Bond.

TLBTCH-BD75S	07	P	9(03)	738	739

Seventy-five Dollar Denomination Bond.

TLBTCH-BD100S	07	P	9(03)	740	741

One-hundred Dollar Denomination Bond.

TLBTCH-BD200S	07	P	9(03)	742	743

Two-hundred Dollar Denomination Bond.

TLBTCH-BD500S	07	P	9(03)	744	745

Five-hundred Dollar Denomination Bond.

TLBTCH-BD1000S	07	P	9(03)	746	747

One-thousand Dollar Denomination Bond.

TLBTCH-BD5000S	07	P	9(03)	748	749

Five-thousand Dollar Denomination Bond.

TLBTCH-BD10000S	07	P	9(03)	750	751

Ten-thousand Dollar Denomination Bond.

TLBTCH-RESPONSE	03	G		752	805

Response Area.

TLBTCH-RETURN	05	B	9(04)	752	753

Error Return Code. This number is coded in MICM Record 0404.

TLBTCH-TRACE	05	B	9(04)	754	755

Trace Code. Indicates the point in the program where the error occurred.

TLBTCH-PROGRAM	05	C	X(08)	756	763

Program Identification. Program ID under which the error occurred.

TLBTCH-INFBYTERC1	05	G		764	769

First Information Byte Sent in the Response Constant Area.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RREJECT	07	C	X(01)	764	764

Reject. Indicates whether the transaction was rejected. Valid entries are:

- **0** Not rejected.
- **1** Rejected.

TLBTCH-RBKNBR	07	C	X(01)	765	765

Institution Number. Indicates whether the institution number was invalid. Valid entries are:

- **0** Institution number was valid.
- **1** Institution number was invalid.

TLBTCH-RBRNBR	07	C	X(01)	766	766

Branch Number. Indicates whether the branch number was invalid. Valid entries are:

- **0** Branch number was valid.
- **1** Branch number was invalid.

TLBTCH-RTERMNBR	07	C	X(01)	767	767

Terminal Number. Indicates whether the terminal number was invalid. Valid entries are:

- **0** Terminal number was valid.
- **1** Terminal number was invalid.

TLBTCH-EXTC	07	C	X(01)	768	768

External Transaction Code. Indicates whether the external transaction code was invalid. Valid entries are:

- **0** External transaction code was valid.
- **1** External transaction code was invalid.

TLBTCH-EXTCAPPL	07	C	X(01)	769	769

External Application Code. Indicates whether the external application code was invalid. Valid entries are:

- **0** External application code was valid.
- **1** External application code was invalid.

TLBTCH-INFBYTERC2	05	G		770	775

Second Information Byte Sent in the Response Constant Area.

TLBTCH-RRESEND	07	C	X(01)	770	770

Resend Requested Indicator. Indicates whether the host requested that the transaction be resent. Valid entries are:

- **0** Host did not request the transaction to be resent.
- **1** Host requested that the transaction be resent.

TLBTCH-RFORMAT	07	C	X(01)	771	771

Format Indicator. Indicates whether the format field in the message was invalid. Valid entries are:

- **0** Format field was valid.
- **1** Format field was invalid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RTRANAMT	07	C	X(01)	772	772

Format Indicator. Indicates whether the format field in the message was invalid. Valid entries are:

- **0** Format field was valid.
- **1** Format field was invalid.

TLBTCH-RTRANSER	07	C	X(01)	773	773

Transaction Serial Indicator. Indicates whether the transaction serial field in the message was invalid. Valid entries are:

- **0** Transaction serial field was valid.
- **1** Transaction serial field was invalid.

TLBTCH-RSYSDWN	07	C	X(01)	774	774

System Down Indicator. Indicates whether the teller has recognized a critical error. Valid entries are:

- **0** Critical error was not recognized.
- **1** Critical error was recognized.

TLBTCH-RMSGWTG	07	C	X(01)	775	775

Message Waiting Indicator. Indicates whether the teller has alert messages to be viewed. Valid entries are:

- **0** Teller does not have alert messages to be viewed.
- **1** Teller has alert messages to be viewed.

TLBTCH-INFBYTERC3	05	G		776	781

Third Information Byte Sent in the Response Constant Area.

TLBTCH-RTLRNBR	07	C	X(01)	776	776

Teller ID. Indicates whether the teller ID was invalid. Valid entries are:

- **0** Teller ID was valid.
- **1** Teller ID was invalid.

TLBTCH-RTLRPASS	07	C	X(01)	777	777

Teller Password. Indicates whether the teller password was valid. Valid entries are:

- **0** Teller password was valid.
- **1** Teller password was invalid.

TLBTCH-RTLRSTAT	07	C	X(01)	778	778

Teller Status. Indicates whether the teller current status was valid for this transaction. Valid entries are:

- **0** Teller current status was valid.
- **1** Teller current status was invalid.

TLBTCH-RSUPVNBR	07	C	X(01)	779	779

Supervisor ID. Indicates whether the supervisor ID was valid. Valid entries are:

- **0** Supervisor ID was valid.
- **1** Supervisor ID was invalid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RSUPVPASS	07	C	X(01)	780	780

Supervisor Password. Indicates whether the supervisor password was valid. Valid entries are:

0 Supervisor password was valid.
1 Supervisor password was invalid.

TLBTCH-RSUPVSTAT	07	C	X(01)	781	781

Supervisor Status. Indicates whether the supervisor's current status was valid for this message. Valid entries are:

0 Supervisor current status was valid.
1 Supervisor current status was invalid.

TLBTCH-INFBYTERC4	05	G		782	787

Fourth Information Byte Sent in the Response Constant Area.

TLBTCH-RCSHNBR	07	C	X(01)	782	782

Cash Drawer ID. Indicates whether the cash drawer ID was valid. Valid entries are:

0 Cash drawer ID was valid.
1 Cash drawer ID was invalid.

TLBTCH-RCASHSTAT	07	C	X(01)	783	783

Cash Drawer Status. Indicates whether the cash drawer's current status was valid. Valid entries are:

0 Cash drawer current status was valid.
1 Cash drawer current status was invalid.

TLBTCH-RTLRCASH	07	C	X(01)	784	784

Teller Cash Drawer. Indicates whether the teller ID in the cash drawer record matches the teller ID in the transaction. Valid entries are:

0 Teller IDs match.
1 Teller IDs do not match.

TLBTCH-RINTC	07	C	X(01)	785	785

Internal Transaction Code. Indicates whether the internal transaction code is in Table 10. Valid entries are:

0 Internal transaction code is in Table 10.
1 Internal transaction code is in Table 10.

TLBTCH-RDATASW	07	C	X(01)	786	786

Indicates whether the transaction contained fields that were not permitted for the transaction or it lacked fields needed for processing the transaction. Valid entries are:

0 Fields for processing were present.
1 Fields for processing were not present or fields were present that were invalid for the transaction.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RINVCOR	07	C	X(01)	787	787

Invalid Correction. Indicates whether the transaction was a correction for a previous transaction that could not be located on the Log Record. Valid entries are:

- **0** Transaction was not an invalid correction.
- **1** Transaction was an invalid correction.

TLBTCH-INFBYTERC5	05	G		788	793

Fifth Information Byte Sent in the Response Constant Area.

TLBTCH-RSECURITY	07	C	X(01)	788	788

Security. Indicates whether the security level was sufficient to process the transaction. Valid entries are:

- **0** Security was sufficient to process the transaction.
- **1** Security was not sufficient to process the transaction.

TLBTCH-RSTCSH	07	C	X(01)	789	789

Starting Cash. Indicates whether the starting cash was in error for the transaction. Valid entries are:

- **0** Starting cash was valid.
- **1** Starting cash was invalid.

TLBTCH-RENDCSH	07	C	X(01)	790	790

Ending Cash. Indicates whether the ending cash was valid. Valid entries are:

- **0** Ending cash was valid.
- **1** Ending cash was invalid.

TLBTCH-RDUPSTCSH	07	C	X(01)	791	791

Duplicate Starting Cash Transaction. Once processing has begun and the teller has entered monetary transactions, a starting cash transaction cannot be sent. Valid entries are:

- **0** Not a duplicate starting cash transaction.
- **1** Duplicate starting cash transaction.

TLBTCH-RTLRNBR2	07	C	X(01)	792	792

Second Teller ID. Indicates whether the second teller ID in the message was valid. Valid entries are:

- **0** Second teller ID was valid.
- **1** Second teller iD was invalid.

TLBTCH-RCROSSFOOT	07	C	X(01)	793	793

Crossfoot. Indicates whether the transaction crossfooted properly. The cash amount field plus the check amount minus the cashback amount did not equal the transaction amount. Valid entries are:

- **0** Transaction crossfooted properly.
- **1** Transaction did not crossfoot.

TLBTCH-USERBYTERC1	05	G		794	799

First user byte sent in the response constant area.

TLBTCH-UBR001	07	C	X(01)	794	794

Determined by the institution.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-UBR002 Determined by the institution.	07	C	X(01)	795	795
TLBTCH-UBR003 Determined by the institution.	07	C	X(01)	796	796
TLBTCH-UBR004 Determined by the institution.	07	C	X(01)	797	797
TLBTCH-UBR005 Determined by the institution.	07	C	X(01)	798	798
TLBTCH-UBR006 Determined by the institution.	07	C	X(01)	799	799
TLBTCH-USERBYTERC2 Second user byte sent in the response constant area.	05	G		800	805
TLBTCH-UBR007 Determined by the institution.	07	C	X(01)	800	800
TLBTCH-UBR008 Determined by the institution.	07	C	X(01)	801	801
TLBTCH-UBR009 Determined by the institution.	07	C	X(01)	802	802
TLBTCH-UBR010 Determined by the institution.	07	C	X(01)	803	803
TLBTCH-UBR011 Determined by the institution.	07	C	X(01)	804	804
TLBTCH-UBR012 Determined by the institution.	07	C	X(01)	805	805
TLBTCH-DATA02R Information Received. Information received in response data area.	03	G		806	1071
TLBTCH-INFBYTER01 Information Byte 1. First information byte in response data area.	05	G		806	811
TLBTCH-RINVPIN PIN Valid Code. Indicates if the PIN is valid. Valid entries are: **0** PIN was valid. **1** PIN was invalid.	07	C	X(01)	806	806

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RNSF	07	C	X(01)	807	807

NSF Code. Indicates whether the account had sufficient funds to process this transaction. Valid entries are:

- **0** Account had sufficient funds.
- **1** Account did not have sufficient funds.

TLBTCH-RSTOPS	07	C	X(01)	808	808

Stop Payments Code. Indicates whether the account has stop payments present. Valid entries are:

- **0** Account does not have stop payments present.
- **1** Account has stop payments present.

TLBTCH-02RCAUTION	07	C	X(01)	809	809

Cautions Code. Indicates whether the account has cautions present. Valid entries are:

- **0** Account does not have cautions present.
- **1** Account has cautions present.

TLBTCH-RNOPOST	07	C	X(01)	810	810

No Posting Code. Indicates whether the account is closed to posting transactions. Valid entries are:

- **0** Account is allowed to post all transactions.
- **1** Account is not allowed to post any transactions.

TLBTCH-RNODEBITS	07	C	X(01)	811	811

No Debits Code. Indicates whether the account is closed to posting debit transactions. Valid entries are:

- **0** Account is allowed to post debit transactions.
- **1** Account is not allowed to post debit transactions.

TLBTCH-INFBYTER02	05	G		812	817

Information Byte 2. Second information byte in response data area.

TLBTCH-RNOACCT	07	C	X(01)	812	812

Invalid Account Code. Indicates whether the account number was valid. Valid entries are:

- **0** Account number was valid.
- **1** Account number was invalid.

TLBTCH-RCLOSED	07	C	X(01)	813	813

Closed Account Code. Indicates whether the account is closed. Valid entries are:

- **0** Account is not closed.
- **1** Account is closed.

TLBTCH-RBOOKBAL	07	C	X(01)	814	814

Passbook Balance Code. Indicates whether the passbook balance sent in the message matches the passbook balance on the Balance Record. Valid entries are:

- **0** Passbook balances match.
- **1** Passbook balances do not match.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RFORCE	07	C	X(01)	815	815

Teller Force Code. Indicates whether a teller force is required to overturn the rejection. Valid entries are:

0 Force is not required.
1 Force is required.

TLBTCH-ROVERRIDE	07	C	X(01)	816	816

Supervisor Override Code. Indicates whether a supervisor override is required to overturn the rejections. Valid entries are:

0 Override is not required.
1 Override is required.

TLBTCH-REMPLOYEE	07	C	X(01)	817	817

Employee Account Code. Indicates whether this is an employee account. Valid entries are:

0 Account is not an employee account.
1 Account is an employee account.

TLBTCH-INFBYTER03	05	G		818	823

Information Byte 3. Third information byte in response data area.

TLBTCH-RDORMANT	07	C	X(01)	818	818

Dormant Code. Indicates whether the account is dormant. Valid entries are:

0 Account is not dormant.
1 Account is dormant.

TLBTCH-RPASSBOOK	07	C	X(01)	819	819

Passbook Code. Indicates whether the account is a passbook account. Valid entries are:

0 Account is not a passbook account.
1 Account is a passbook account.

TLBTCH-RPASSUPDT	07	C	X(01)	820	820

Passbook Update Code. Indicates whether the passbook updating has taken place. Valid entries are:

0 Passbook updating has not taken place.
1 Passbook updating has taken place.

TLBTCH-RCORRECTED	07	C	X(01)	821	821

Transaction Correction Code. Indicates whether the transaction has been corrected. Valid entries are:

0 Transaction has not been corrected.
1 Transaction has been corrected.

TLBTCH-RSOCSEC	07	C	X(01)	822	822

Social Security Code. Indicates whether the social security number was valid. Valid entries are:

0 Social security number was valid.
1 Social security number was invalid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RRTRNBR	07	C	X(01)	823	823

Routing and Transit Number Code. Indicates whether the routing and transit number was valid. Valid entries are:

- **0** Routing and transit number was valid.
- **1** Routing and transit number was invalid.

TLBTCH-INFBYTER04	05	G		824	829

Information Byte 4. Fourth information byte in response data area.

TLBTCH-RTRANSEQ	07	C	X(01)	824	824

Transaction Sequence Number Code. Indicates whether the transaction sequence number was valid. Valid entries are:

- **0** Transaction sequence number was valid.
- **1** Transaction sequence number was invalid.

TLBTCH-RSRINPUT	07	C	X(01)	825	825

Source Input Code. Indicates whether the source input was valid. Valid entries are:

- **0** Source of input was valid.
- **1** Source of input was invalid.

TLBTCH-RTENCASH	07	C	X(01)	826	826

10000 Limit Code. Indicates whether the account has exceeded $10,000 in transactions today and whether Internal Revenue Form 4789 should be submitted. Valid entries are:

- **0** Account has not exceeded $10,000 daily level.
- **1** Account has exceeded $10,000 daily level.

TLBTCH-RCBKLMTCTR	07	C	X(01)	827	827

Cashback Limit Code. Indicates whether the account has exceeded the cashback allowable limit. Valid entries are:

- **0** Account has not exceeded the allowable limit for cashbacks.
- **1** Account has exceeded the allowable limit for cashbacks.

TLBTCH-RCBKLMTATM	07	C	X(01)	828	828

ATM Cashback Limit Code. Indicates whether the account has exceeded the cashback allowable limit at ATMs. Valid entries are:

- **0** Account has not exceeded the allowable limit for cashbacks at ATMs.
- **1** Account has exceeded the allowable limit for cashbacks at ATMs.

TLBTCH-RCBKLMTACT	07	C	X(01)	829	829

Allowable Debit Limit Code. Indicates whether the account has exceeded the allowable limit for debit transactions. Reserved for future use. Valid entries are:

- **0** Account has not exceeded the allowable limit for debit transactions.
- **1** Account has exceeded the allowable limit for debit transactions.

TLBTCH-INFBYTER05	05	G		830	835

Information Byte 5. Fifth information byte in response data area.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RREGCC	07	C	X(01)	830	830

Regulation CC Exception Code. Indicates whether the transaction has been flagged as an exception to Regulation CC. Valid entries are:

0 Transaction is not an exception to Regulation CC.
1 Transaction is an exception to Regulation CC.

TLBTCH-RFILEAVAIL	07	C	X(01)	831	831

Master Record Availability Code. Indicates whether the Master File was available for authorization. Valid entries are:

0 Master record was available.
1 Master record was not available.

TLBTCH-RBALSUSP	07	C	X(01)	832	832

CL/IL Balance Code. Indicates whether the balances for commercial or installment loans are accurate. Valid entries are:

0 Balances are accurate.
1 Balances are not accurate.

TLBTCH-R134SORTCFLT1	07	C	X(01)	833	833

MICM Record 0134 Customer Float. Indicates whether the number of customer days in Float Area 1 was consistent with the customer float days in MICM Record 0134 for the routing and transit number in Float Area 1. Valid entries are:

0 Number of customer float days was consistent.
1 Number of customer float days was not consistent.

TLBTCH-R134SORTBFLT1	07	C	X(01)	834	834

MICM Record 0134 Institution Float. Indicates whether the number of institution days in Float Area 1 was consistent with the institution float days in MICM Record 0134 for the routing and transit number in Float Area 1. Valid entries are:

0 Number of institution float days was consistent.
1 Number of institution float days was not consistent.

TLBTCH-R134SORTCFLT2	07	C	X(01)	835	835

MICM Record 0134 Customer Float. Indicates whether the number of customer days in Float Area 2 was consistent with the customer float days in MICM Record 0134 for the routing and transit number in Float Area 2. Valid entries are:

0 Number of customer float days was consistent.
1 Number of customer float days was not consistent.

TLBTCH-INFBYTER06	05	G		836	841

Information Byte 6. Sixth information byte in response data area.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-R134SORTBFLT2	07	C	X(01)	836	836

MICM Record 0134 Institution Float 2. Indicates whether the number of institution days in Float Area 2 was consistent with the institution float days in MICM Record 0134 for the routing and transit number in Float Area 2. Valid entries are:

0 Number of institution float days was consistent.
1 Number of institution float days was not consistent.

TLBTCH-R134SORTCFLT3	07	C	X(01)	837	837

MICM Record 0134 Customer Float 3. Indicates whether the number of customer days in Float Area 3 was consistent with the customer float days in MICM Record 0134 for the routing and transit number in Float Area 3. Valid entries are:

0 Number of customer float days was consistent.
1 Number of customer float days was not consistent.

TLBTCH-R134SORTBFLT3	07	C	X(01)	838	838

MICM Record 0134 Institution Float 3. Indicates whether the number of institution days in Float Area 3 was consistent with the institution float days in MICM Record 0134 for the routing and transit number in Float Area 3. Valid entries are:

0 Number of institution float days was consistent.
1 Number of institution float days was not consistent.

TLBTCH-R134SORTCFLT4	07	C	X(01)	839	839

MICM Record 0134 Customer Float 4. Indicates whether the number of customer days in Float Area 4 was consistent with the customer float days in MICM Record 0134 for the routing and transit number in Float Area 4. Valid entries are:

0 Number of customer float days was consistent.
1 Number of customer float days was not consistent.

TLBTCH-R134SORTBFLT4	07	C	X(01)	840	840

MICM Record 0134 Institution Float 4. Indicates whether the number of institution days in Float Area 4 was consistent with the institution float days in MICM Record 0134 for the routing and transit number in Float Area 4. Valid entries are:

0 Number of institution float days was consistent.
1 Number of institution float days was not consistent.

TLBTCH-R134SORTCFLT5	07	C	X(01)	841	841

MICM Record 0134 Customer Float 5. Indicates whether the number of customer days in Float Area 5 was consistent with the customer float days in MICM Record 0134 for the routing and transit number in Float Area 5. Valid entries are:

0 Number of customer float days was consistent.
1 Number of customer float days was not consistent.

TLBTCH-INFBYTER07	05	G		842	847

Information Byte 7. Seventh information byte in response data area.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-R134SORTBFLT5	07	C	X(01)	842	842

MICM Record 0134 Institution Float 5. Indicates whether the number of institution days in Float Area 5 was consistent with the institution float days in MICM Record 0134 for the routing and transit number in Float Area 5. Valid entries are:

0 Number of institution float days was consistent.
1 Number of institution float days was not consistent.

TLBTCH-REXCESSOD	07	C	X(01)	843	843

Excess Overdraft. Indicates whether the account has been flagged for excessive overdrafts. Valid entries are:

0 Account has not been flagged for excessive overdrafts.
1 Account has been flagged for excessive overdrafts.

TLBTCH-REXCESSRTN	07	C	X(01)	844	844

Excess Returns. Indicates whether the account has been flagged for excessive returns. Valid entries are:

0 Account has not been flagged for excessive returns.
1 Account has been flagged for excessive returns.

TLBTCH-RNOCREDITS	07	C	X(01)	845	845

No Credits Code. Indicates whether the account is closed posting credit transactions. Valid entries are:

0 Account is allowed to post credit transactions.
1 Account is not allowed to post credit transactions.

TLBTCH-RINVAPPLINTC	07	C	X(01)	846	846

Application Internal Transaction Code Indicator. Indicates whether the application internal transaction code is invalid. Valid entries are:

0 Application internal transaction code is valid.
1 Application internal transaction code is not valid.

TLBTCH-RINVPAYBYCDE	07	C	X(01)	847	847

Valid Pay-by Code Indicator. Indicates whether the pay-by code is valid. Valid entries are:

0 Pay-by code is valid.
1 Pay-by code is not valid.

TLBTCH-INFBYTER08	05	G		848	853

Information Byte 8. Eighth information byte in response data area.

TLBTCH-RINVPAYOFFCDE	07	C	X(01)	848	848

Valid Payoff Code Indicator. Valid entries are:

0 Payoff code is valid.
1 Payoff code is not valid.

TLBTCH-RINVEFFDTE	07	C	X(01)	849	849

Valid Effective Date Indicator. Valid entries are:

0 Effective date is valid.
1 Effective date is not valid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RINVPARTTXN	07	C	X(01)	850	850

Account Eligibility for Participation Transactions. Indicates whether the account is eligible for participation transactions. Valid entries are:

- **0** Account is eligible for participation transactions.
- **1** Account is not eligible for participation transactions.

TLBTCH-RFLTINFORREQ	07	C	X(01)	851	851

Float Information Required. Indicates whether additional float information was required to process the deposit. Valid entries are:

- **0** Additional float information was not required.
- **1** Additional float information was required.

TLBTCH-RFLTCHG	07	C	X(01)	852	852

Float Days Change. Indicates whether the number of float days (bank or customer) was modified by Expedited Funds Administrator System (EFAS). Valid entries are:

- **0** Float days were not modified.
- **1** Float days were modified.

TLBTCH-RFROMACCT	07	C	X(01)	853	853

From Account Rejection. Indicates whether the from account on the transfer caused the rejection. Valid entries are:

- **0** From account did not cause rejection.
- **1** From account caused the rejection.

TLBTCH-INFBYTER09	05	G		854	859

Information Byte 9. Ninth information byte in response data area.

TLBTCH-RNOBOOKS	07	C	X(01)	854	854

Not-booked Transactions. Indicates whether the account has not-booked transactions to post or display. Valid entries are:

- **0** Account has not-booked transactions.
- **1** Account does not have not-booked transactions.

TLBTCH-RNOTPASSBK	07	C	X(01)	855	855

Not a Passbook Account Indicator. Indicates whether a conflict is present because the account is not a passbook account and the Passbook Present flag indicated the passbook was present. The transaction was processed and the passbook present indicator ignored. Valid entries are:

- **0** Conflict is not present.
- **1** Conflict is present.

TLBTCH-RDUPACCT	07	C	X(01)	856	856

Duplicate Account Number. Indicates whether the account number already exists. Valid entries are:

- **0** Account number does not exist.
- **1** Account number does exist.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RACCTEXIST	07	C	X(01)	857	857

Existing Account Number. Indicates whether the account number already exists and is not eligible for an opening deposit. Valid entries are:

0 Account number does not exist.
1 Account number does exist.

TLBTCH-RPBKMISSING	07	C	X(01)	858	858

Passbook Missing. Indicates whether the passbook update transaction indicated that the passbook was not present. Valid entries are:

0 Passbook is present.
1 Passbook is missing.

TLBTCH-RPBKNOTREQ	07	C	X(01)	859	859

Passbook Conflict. Indicates whether the transaction was for inquiry on not-booked transactions and the passbook was present and is not allowed. Valid entries are:

0 Conflict was not present.
1 Conflict was present.

TLBTCH-INFBYTER10	05	G		860	865

Information Byte 10. Tenth information byte in response data area.

TLBTCH-RNOTICEIND	07	C	X(01)	860	860

Notice Indicator. Indicates whether Regulation CC notice must be printed. Valid entries are:

0 Regulation CC notice not required.
1 Regulation CC notice must be printed.

TLBTCH-R134ITEMTYPE1	07	C	X(01)	861	861

Item Type 1. Indicates whether Item Type 1 was valid. Valid entries are:

0 Item Type 1 was valid.
1 Item Type 1 was invalid.

TLBTCH-R134ITEMTYPE2	07	C	X(01)	862	862

Item Type 2. Indicates whether Item Type 2 was valid. Valid entries are:

0 Item Type 2 was valid.
1 Item Type 2 was invalid.

TLBTCH-R134ITEMTYPE3	07	C	X(01)	863	863

Item Type 3. Indicates whether Item Type 3 was valid. Valid entries are:

0 Item Type 3 was valid.
1 Item Type 3 was invalid.

TLBTCH-R134ITEMTYPE4	07	C	X(01)	864	864

Item Type 4. Indicates whether Item Type 4 was valid. Valid entries are:

0 Item Type 4 was valid.
1 Item Type 4 was invalid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-R134ITEMTYPE5	07	C	X(01)	865	865

Item Type 5. Indicates whether Item Type 5 was valid. Valid entries are:

- **0** Item Type 5 was valid.
- **1** Item Type 5 was invalid.

TLBTCH-INFBYTER11	05	G		866	871

Information Byte 11. Eleventh information byte in response data area.

TLBTCH-RBLKPOSTING	07	C	X(01)	866	866

Block Posting. This field indicates if the account is flagged to block all posting. Valid entries are:

- **0** Account is not flagged to block all posting.
- **1** Account is flagged to block all posting.

TLBTCH-RBOWNER	07	C	X(01)	867	867

Bond Owner. Indicates if the bond owner name is present. Valid entries are:

- **0** Bond owner name is present.
- **1** Bond owner name is not present.

TLBTCH-RBNINDEX	07	C	X(01)	868	868

Bond Index. Indicates if the bond name index is present. Valid entries are:

- **0** Bond name index is present.
- **1** Bond name index is not present.

TLBTCH-RBADDR1	07	C	X(01)	869	869

Bond Address 1. Indicates if the bond address 1 is present. Valid entries are:

- **0** Bond address 1 is present.
- **1** Bond address 1 is not present.

TLBTCH-RBADDR2	07	C	X(01)	870	870

Bond Address 2. Indicates if the bond address 2 is present. Valid entries are:

- **0** Bond address 2 is present.
- **1** Bond address 2 is not present.

TLBTCH-RBCITY	07	C	X(01)	871	871

Bond City. Indicates if the bond city is present. Valid entries are:

- **0** Bond city is present.
- **1** Bond city is not present.

TLBTCH-INFBYTER12	05	G		872	877

Information Byte 12. Twelfth information byte in response data area.

TLBTCH-RBSTATE	07	C	X(01)	872	872

Bond State. Indicates if the bond state is present. Valid entries are:

- **0** Bond state is present.
- **1** Bond state is not present.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RBZIP	07	C	X(01)	873	873

Bond ZIP Code. Indicates if the bond ZIP code is valid. Valid entries are:

0 Bond ZIP code is valid.
1 Bond ZIP code is not valid.

TLBTCH-RBCOWNER	07	C	X(01)	874	874

Bond Co-owner. Indicates if the bond co-owner is valid. Valid entries are:

0 Bond co-owner is valid.
1 Bond co-owner is not valid.

TLBTCH-RBDELIVECD	07	C	X(01)	875	875

Bond Deliver Code. Indicates if the bond deliver code is valid. Valid entries are:

0 Bond deliver code is valid.
1 Bond deliver code is not valid.

TLBTCH-RBCONTYPE	07	C	X(01)	876	876

Bond Connective Type. Indicates if the bond connective type is valid. Valid entries are:

0 Bond connective type is valid.
1 Bond connective type is not valid.

TLBTCH-RBD50S	07	C	X(01)	877	877

Indicates if the bond $50 denomination is valid. Valid entries are:

0 Bond $50 denomination is valid.
1 Bond $50 denomination is not valid.

TLBTCH-INFBYTER13	05	G		878	883

Information Byte 13. Thirteenth information byte in response data area.

TLBTCH-RBD75S	07	C	X(01)	878	878

Indicates if the bond $75 denomination is valid. Valid entries are:

0 Bond $75 denomination is valid.
1 Bond $75 denomination is not valid.

TLBTCH-RBD100S	07	C	X(01)	879	879

Indicates if the bond $100 denomination is valid. Valid entries are:

0 Bond $100 denomination is valid.
1 Bond $100 denomination is not valid.

TLBTCH-RBD200S	07	C	X(01)	880	880

Indicates if the bond $200 denomination is valid. Valid entries are:

0 Bond $200 denomination is valid.
1 Bond $200 denomination is not valid.

TLBTCH-RBD500S	07	C	X(01)	881	881

Indicates if the bond $500 denomination is valid. Valid entries are:

0 Bond $500 denomination is valid.
1 Bond $500 denomination is not valid.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RBD1000S	07	C	X(01)	882	882

Indicates if the bond $1000 denomination is valid. Valid entries are:

0 Bond $1000 denomination is valid.
1 Bond $1000 denomination is not valid.

TLBTCH-RBD5000S	07	C	X(01)	883	883

Indicates if the bond $5000 denomination is valid. Valid entries are:

0 Bond $5000 denomination is valid.
1 Bond $5000 denomination is not valid.

TLBTCH-INFBYTER14	05	G		884	889

Information Byte 14. Fourteenth information byte in response data area.

TLBTCH-RBD10000S	07	C	X(01)	884	884

Indicates if the bond $10,000 denomination is valid. Valid entries are:

0 Bond $10,000 denomination is valid.
1 Bond $10,000 denomination is not valid.

TLBTCH-RBDTOTAL	07	C	X(01)	885	885

Bond Total. Indicates if the bond total is valid. Valid entries are:

0 Bond total is valid.
1 Bond total is not valid.

TLBTCH-RBUPDATEPROC	07	C	X(01)	886	886

Bond Update Process. Indicates if the bond update process is valid. Valid entries are:

0 Bond update process is valid.
1 Bond update process is not valid.

TLBTCH-RREFRESHPROC	07	C	X(01)	887	887

Refresh Process. Indicates if the transaction was processed during the refresh process. Valid entries are:

0 Transaction was processed during the refresh process.
1 Transaction was not processed during the refresh process.

TLBTCH-RREFRESH	07	C	X(01)	888	888

Refresh. Indicates if the transaction was processed after the refresh process. Valid entries are:

0 Transaction was processed normally.
1 Transaction was processed after the refresh process.

TLBTCH-RTOBE-REFRESH	07	C	X(01)	889	889

To Be Refreshed. Indicates if the transaction is to be refreshed. Valid entries are:

0 Do not refresh transaction.
1 Refresh transaction.

TLBTCH-INFBYTER15	05	G		890	895

Returned Information Byte 15. Fifteenth information byte in response data area.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-IS-REFRESH	07	C	X(01)	890	890

Refresh. Indicates if the transaction was refreshed. Valid entries are:

0 Transaction was not refreshed.
1 Transaction was refreshed.

TLBTCH-RFORCEPM	07	C	X(01)	891	891

Forced PM. Indicates if the transaction was forced to be a PM transaction. Valid entries are:

0 Transaction was not forced to be a PM transaction.
1 Transaction was forced to be a PM transaction.

TLBTCH-RCROSSBK	07	C	X(01)	892	892

Cross-bank. Cross-banking error flag for account access code.

TLBTCH-RCROSSBKTC	07	C	X(01)	893	893

Reserved for future use.

TLBTCH-RINVBKDTE	07	C	X(01)	894	894

Invalid Backdate Indicator. Indicates whether the effective date is a valid back date. Valid entries are:

0 Effective date is valid.
1 Effective date is invalid.

TLBTCH-RBKDTEOCCUR	07	C	X(01)	895	895

Backdated Transaction Occurred. Indicates if a backdated transaction has occurred. Valid entries are:

0 Backdated transaction has not occurred.
1 Backdated transaction has occurred.

TLBTCH-INFBYTER16	05	G		896	901

Information Byte 16. Sixteenth information byte in response data area.

TLBTCH-ROPENACCT	07	C	X(01)	896	896

Open Account. The new account deposit transaction verifies that the account exists on the application's master record if the Open Deposit field is 'Y' on the MICM Record 0150. If the account does not exist and the option is 'Y', the transaction is rejected. Valid entries are:

0 New account does exist.
1 New account does not exist.

Note: This transaction will also be rejected if the effective date does not match the institution's current processing date or if the effective date is invalid.

TLBTCH-RCLOSEWHLDS	07	C	X(01)	897	897

Close With Holds. Determines whether a close on an account can be processed. Valid entries are:

0 Close on account can be processed. No holds present.
1 Close on account cannot be processed. Hold present.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RBACKDATE	07	C	X(01)	898	898

Backdate. Indicates if the effective date has exceeded the backdating parameters. Valid entries are:

0 Effective date has not exceeded the backdating parameters.
1 Effective date has exceeded the backdating parameters.

TLBTCH-RAPPLCLOSEERR	07	C	X(01)	899	899

Error message received from application module. Use trace number to look in application program for message number field. Last four bytes are displays.

TLBTCH-RAPPLMICMERR	07	C	X(01)	900	900

Application MICM Error. Indicates if there was an error accessing a MICM record. The trace number indicates which MICM record was in error.

TLBTCH-RAPPLBALERR	07	C	X(01)	901	901

Application Balance Error. Indicates if application balances match.

0 Application balances are equal.
1 Application balances are not equal.

TLBTCH-AVAILBAL	05	PS	S9(15)V99	902	910

Available Balance. Calculated available balance after the transaction.

TLBTCH-CURBAL	05	PS	S9(15)V99	911	919

Current Online Balance.

TLBTCH-IFCUST1	05	G		920	929

MICM Customer Record Key.

TLBTCH-IFCNA1	07	C	X(08)	920	927

First six positions of the last name, the initial of the first name, and the initial of the middle name.

TLBTCH-IFC1BRK	07	B	S9(04)	928	929

Tie Breaker. Tie breaker for customers with the same name.

TLBTCH-MSIGINDX	05	B	S9(09)	930	933

Signature Index.

TLBTCH-IFSHORT	05	C	X(15)	934	948

Short Name of the Account.

TLBTCH-MBRANCH	05	P	9(05)	949	951

Account's Branch.

TLBTCH-USERAREA	05	C	X(15)	952	966

User Area. User area from the Account Record on the application master.

TLBTCH-MSPECCODES	05	G		967	978

Special Handling Codes.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-MSPEC1 Special Handling Code 1.	07	C	X(01)	967	967
TLBTCH-MSPEC2 Special Handling Code 2.	07	C	X(01)	968	968
TLBTCH-MSPEC3 Special Handling Code 3.	07	C	X(01)	969	969
TLBTCH-MSPEC4 Special Handling Code 4.	07	C	X(01)	970	970
TLBTCH-MSPEC5 Special Handling Code 5.	07	C	X(01)	971	971
TLBTCH-MSPEC6 Special Handling Code 6.	07	C	X(01)	972	972
TLBTCH-MSPEC7 Special Handling Code 7.	07	C	X(01)	973	973
TLBTCH-MSPEC8 Special Handling Code 8.	07	C	X(01)	974	974
TLBTCH-MSPEC9 Special Handling Code 9.	07	C	X(01)	975	975
TLBTCH-MSPEC10 Special Handling Code 10.	07	C	X(01)	976	976
TLBTCH-MSPEC11 Special Handling Code 11.	07	C	X(01)	977	977
TLBTCH-MSPEC12 Special Handling Code 12.	07	C	X(01)	978	978
TLBTCH-REGCCCODE	05	C	X(01)	979	979

Regulation CC Code. Indicates the account was subject to Regulation CC. Valid entries are:

- **0** Account was not subject to Regulation CC.
- **1** Account was subject to Regulation CC.

TLBTCH-REGCCRISKCODE	05	C	X(01)	980	980

Regulation CC Risk Code. Indicates whether the account is a high risk account. Valid entries are:

- **0** Account is not high risk.
- **1** Account is high risk.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-REGCCODCODE	05	C	X(01)	981	981

Regulation CC Counter Code. Indicates the balance to use to determine whether Regulation CC counters are to be incremented. Valid entries are:

- **0** Use ledger balance minus holds minus bank/customer float.
- **1** Use ledger balance minus holds.

TLBTCH-REGCCODDAYS	05	PS	S9(03)	982	983

Regulation CC Counter Days. Number of days the account has been overdrawn (for Regulation CC purposes).

TLBTCH-REGCCEXCESSOD	05	C	X(01)	984	984

Regulation CC Excessive Overdrafts. Indicates whether the account has excessive overdrafts. Valid entries are:

- **0** Account does not have excessive overdrafts.
- **1** Account has excessive overdrafts.

TLBTCH-REGCCEXCESSRTN	05	C	X(01)	985	985

Regulation CC Excessive Returns. Indicates whether the account has excessive returns. Valid entries are:

- **0** Account does not have excessive returns.
- **1** Account has excessive returns.

TLBTCH-MFLOAT	05	G		986	1035

OCCURS 5 TIMES. Float information that is returned.

TLBTCH-R134SORTCFLT	07	N	9(02)	986	987

MICM Record 0134 Customer Float. Customer float days sent in the message (found in temporary storage for MICM Record 0134.)

TLBTCH-EFACFLT	07	N	9(02)	988	989

Float Changed by EFAS. Customer float days, as modified by EFAS.

TLBTCH-R134SORTBFLT	07	N	9(02)	990	991

MICM Record 0134 Institution Float. Institution float day sent in the message or retrieved from temporary institution float days sent in the message or found in temporary storage for MICM Record 0134.

TLBTCH-EFABFLT	07	N	9(02)	992	993

EFAS Institution Float. Institution float EFAS is using (float days as modified by EFAS).

TLBTCH-R134ITEMTYPE	07	N	9(02)	994	995

Item Type Code. Item type sent in the message or found in temporary storage for MICM Record 0134.

Field Name	Level	Mode	Picture	Displacement	
TLBTCH-RUSERAREA1 User-defined Area 1.	05	C	X(18)	1036	1053
TLBTCH-RUSERAREA2 User-defined Area 2.	05	C	X(18)	1054	1071

Appendix

A

External Transaction Codes

Complete the external transaction code portion of the following table prior to interfacing Infopoint Transaction Gateway with another application. Fill in values for each application that interfaces with Transaction Gateway as well as for Transaction Gateway itself.

> **Important**
>
> Because external codes must be accepted by the controller, be sure to consult the controller vendor when choosing external codes. It is *critical* that you also consult the data processing department and the user community when you select external codes.

This table illustrates how each transaction, whether credit or debit, corresponds to an internal code and an external code. Transactions are listed in the first column. The information that appears in the second column indicates whether a transaction is classified as a debit (DR) or a credit (CR). The third column contains internal code numbers (only used within the system) that correspond to the transactions.

Note: Internal code numbers are referred to as *transaction codes* within the Standard Messages chapter of the ***Reference Guide***. The internal transaction codes are used only for demonstration. You may want to include your external codes in the matrixes after you complete this table.

Transaction Gateway does not automatically assign external codes. However, the internal codes can be used as external codes (unless prohibited by the controller). Use the last column to record the external codes for your system.

Completing this table will help you set up MICM Record 0151 and will help you understand the standard message format matrixes within Transaction Gateway. These codes may be entered online for MICM Record 0151 or they may be entered through batch transactions. The default transaction codes are supplied in the member, TSMICM, on the Transaction Gateway installation product media.

External Transaction Code Table

Transaction Description	DR/CR	Internal Code	Customer External Code
Teller Signon	n/a	0060	
Teller Return Signon	n/a	0070	
Force Teller Signon	n/a	0080	
Buy Cash	CR	0120	
Sell Cash	DR	0170	
Starting Cash	CR	0301	
Cash Shortage	CR	0311	
Cash Correction of Credit	DR	0312	
Ending Cash	DR	0351	
Cash Overage	DR	0361	
Cash Correction of Debit	CR	0362	
Teller Inquiry	n/a	0410	
Reactivate Teller	n/a	0420	
Change Teller	n/a	0430	
Deactivate Teller	n/a	0440	
Delete Teller	n/a	0450	
Add Teller	n/a	0460	
Teller Signoff	n/a	0560	
Teller Temp Signoff	n/a	0570	
Force Teller Signoff	n/a	0580	
Change Teller Password	n/a	0590	
Cash Status Inquiry	n/a	0920	
Settlement Information Inquiry	n/a	0930	
Request Messages	n/a	0950	
Enter Messages	n/a	0960	
AM Log Record Lookup	n/a	0970	
Account Lookup	n/a	0980	
Deposit	CR	1010	

Transaction Description	DR/CR	Internal Code	Customer External Code
New Acct Deposit	CR	1020	
Transfer-in	CR	1030	
Club Payment	CR	1040	
Miscellaneous Credit 1	CR	1060	
Miscellaneous Credit 2	CR	1070	
Credit Non-balance	n/a	1075	
Fee/Penalty Credit	CR	1080	
Float (Internally Generated)	CR	1090	
Hold	CR	1100	
Loan Payment	CR	1110	
Loan Reversing Debit	CR	1111	
Loan Payoff	CR	1120	
Safe Deposit Rental	CR	1150	
Utility Payment	CR	1160	
Withholding Tax Payment	CR	1170	
Local Tax Payment	CR	1180	
Miscellaneous Payment	CR	1190	
Sell Cashier Check	CR	1310	
Sell Trust Check	CR	1320	
Sell Gift Check	CR	1330	
Sell Travelers Check	CR	1340	
Sell Money Order	CR	1350	
Sell Savings Bond 1	CR	1360	
Sell Savings Bond 2	CR	1361	
Sell Food Stamps	CR	1370	
Sell Merchandise	CR	1390	
Account Inquiry	n/a	1410	
Account Balance Inquiry	n/a	1420	
Stop Payment Inquiry	n/a	1430	
Post Not-booked Transactions	n/a	1440	

Transaction Description	DR/CR	Internal Code	Customer External Code
Reset Not-booked Transactions	n/a	1441	
Not-booked Inquiry	n/a	1442	
Change Passbook Balance	n/a	1443	
Posted Not-booked Transactions	n/a	1450	
Withdrawal	DR	1510	
Close Withdrawal	DR	1520	
Transfer-out	DR	1530	
Club Disbursement	DR	1540	
Miscellaneous Debit 1	DR	1560	
Miscellaneous Debit 2	DR	1570	
Debit Non-balance	n/a	1575	
Penalty/Fee Debit	DR	1580	
Loan Disbursement	DR	1610	
Loan Reversing Credit	DR	1611	
Cash Advance	DR	1630	
Miscellaneous Disbursement	DR	1690	
Cash On-us Check	DR	1730	
Cash Local Check	DR	1740	
Cash Foreign Check	DR	1750	
Cash Cashier Check	DR	1810	
Cash Trust Check	DR	1820	
Cash Gift Check	DR	1830	
Cash Travelers Check	DR	1840	
Cash Money Order	DR	1850	
Redeem Savings Bond 1	DR	1860	
Redeem Savings Bond 2	DR	1861	
Redeem Food Stamps	DR	1870	
Return Merchandise	DR	1890	

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